CHEMIST and DRUGGIST JULY 26, 1947

The CHEMIST AND DRUGGIST

for RETAILER - WHOLESALER - MANUFACTURER

Established 1859 28 Essex Street, Strand, London, W.C.2. Registered as a Newspaper

3518 JULY 26, 1947 Annual Subscription (with Diary) 30/-. Single Copies 1/-.

an apple always falls downward

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Index to Advertisers pp. 5 & 6

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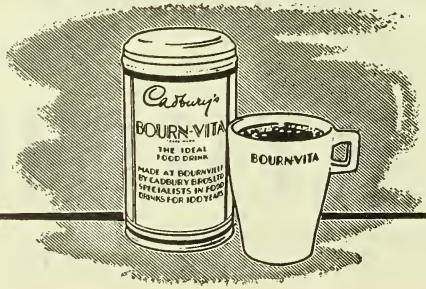

INDEX TO ADVERTISERS

R., Ltd. xxxiii
fined Basic Chemicals, Ltd. xxv
fis Fabrications, Ltd. xxxiv
len, Stafford & Sons, Ltd. 20
mbrose, F., Ltd. 28
nglo-African Shipping Co. (S.A.), Ltd. 14
she Laboratories, Ltd. xvii
arber, C. R. xxxiv
ayer Products, Ltd. i
ear Honey Co., Ltd. 30
eatson, Clark & Co., Ltd. ... iii
ell & Sons, Ltd. xiii
engué & Co., Ltd. 13
enjamin, M. L., & Co 28
lackwell, Hayes & Co., Ltd. iii
oots Pure Drug Co., Ltd. ... 26
ourjois, Ltd. 21
ox, W. H. xxviii
rannan, S. & Sons, Ltd. ... vii
riggs & Bamforth 24
ritish Dental Sticks, Ltd. ... 31
ritish Drug Houses, Ltd., The 5
ritish Felsol Co., Ltd. ...Cover iv
ritish Surgical & Drug Co., Ltd. vi
rome & Schimmer ii
ryan, Don, Ltd. 26
uckley-Bowker Tablet Co., Ltd. iv
urrough, James, Ltd. Leader Page
urroughs Wellcome & Co.... 35
adbury Bros., Ltd. 4
althorpe, M., & Co., Ltd. xxvii
arton Salvaging Co. xxxiv
Cartwright, W. B., Ltd. 6
Chemists Sundries (Wholesale) Co. 32
Clay & Abraham, Ltd. 10
Clinical Products, Ltd. viii
Consolidated Glass, Ltd. viii
Container Recovery Service ... xxi
Cooper, McDougall & Robertson, Ltd. 28
Cow, P. B. & Co., Ltd. x
Cox, Arthur, H., & Co., Ltd. 8
Cresswell Bros. & Marks 30
Croda, Ltd. 12
Crookes Laboratories, Ltd. ... 3
Cuxson, Gerrard & Co., Ltd. 22
Dae Health Laboratories, Ltd. xix
Dales Aspirin & Tableting Co. 15
Daniel, Richard, & Son, Ltd. 13
Delf, W. M., & Co. 32
Dellwood, Ltd. 34
Devon, D., Ltd. 31
Dimol Laboratories, Ltd. ... xxvi
Dominion Steel Corporation, Ltd. xxiv
Drury's Pharmaceuticals, Ltd. xxx
Dyanese, Ltd. viii
E.N.T. Manufacturing Co., Ltd. 15
Eades Pills, Ltd. xxv
Edge, Wm., & Sons, Ltd. xxi
"Ekem" Engineering, Ltd. ii
Emmet Distributing Co., Ltd. xv
Emsa Works & Herbert Foot Appliances, Ltd. vi
Eucryl, Ltd. xxviii
Ex-Lax, Ltd. .....29, xxii
Favell, T. J., & Co., Ltd. ... xx
Field & Co. (Aromatics), Ltd. xxii
Finley-Kale, Ltd. xxx
Franks, A., & Bartlett Co., Ltd. 30
Freudentheil, Smith & Co. Leader Page
Fryer & Co. (Nelson), Ltd. ... 24
Fulford, C. E. xxxii
General Trading Corporation Ltd. xxxiv
Glaxo Laboratories, Ltd. 17
Guaranteed Brushes 32
Guenot ..... Leader Page
Gutkind, F., & Co., Ltd. ii
H. S. Bottle Co., Ltd. xxxiv
Haller Laboratories, Ltd. xii
Harker, C. R., Stagg & Morgan, Ltd. 24
Harvey & Co. (Dublin), Ltd. Leader Page
Howard, Lloyd & Co., Ltd. ... 8
Hoynes, Mathew, Ltd. xxv
Hunter Beattie Products, Ltd. xxiii
Ilex Supply Co., Ltd. 22
Industrial Tapes, Ltd. ...Cover iii
International Chemical Co., Ltd. 27
International Laboratories, Ltd. xviii
Janssen's Herbal Tablets, Dr. 12
Jeffreys Miller & Co., Ltd. ... 15

(continued overleaf)

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INDEX—(cont.)

Johnson & Johnson (G.B.), Ltd. 31
Johnson Agencies (Proprietaries), Ltd. xvi
Kerfoot, T., & Co., Ltd. 4
Kearsley, C. & G., Ltd. xxiv
Kings of Kingsbury (Sales), Ltd. 30
Kingston Packing Co., Ltd. xxxiv
Lewis (Import & Export), Ltd. xiv
Lilly, Eli & Co., Ltd. Front Cover
Liverpool School of Pharmacy Leader Page
London & Provincial Factors, Ltd. xx
Luminos, Ltd. xx
Lusty's Natural Products Co. Leader Page
Macdonald & Son, Ltd. vii
Marks, Leslie & Co., Ltd. ... 32
Marshall's Proprietaries, Ltd. xxxii
Maurice, Louis, & Co., Ltd. 32
Maw, S., Son & Sons, Ltd. ... 11
Medical Supply Association, Ltd. 26
Momand, Don S., Ltd. xxix
Monsanto Chemicals, Ltd. ... 1
Moore Medicinal Products, ... Ltd. xxiii
Musterole Fine Products, Ltd. xxvi
Napp, H. R., Ltd. ...Leader Page
National Glass Works (York), Ltd. v
National Savings xiv
Navano Foot Preparations ... x
Optrex, Ltd. xi
Oxo, Ltd. 36
Peat and Charcoal, Ltd. 26
Peboc, Ltd. 8
Percenta, Ltd. ii
Pharmaceutical Specialities, (May & Baker), Ltd. 19
Polak & Schwarz (England), Ltd. 18
Porteus, Geo., & Sons Leeds), Ltd. iv
Potter & Clarke, Ltd. 33
Priory Optical Co. xxii
Pritchards, Ltd. 12
Promedico Products, Ltd. xiii
R.W.P. Pharmacal Prods., Ltd. xxxiv
Rayner & Co., Ltd. 14
Reed Bros (Engineering), Ltd. Leader Page
Rendell, W. J., Ltd. 7
Resuflin, Ltd. .....Leader Page
Roberts' Patent Filling Machine Co., Ltd. iv
Robinson & Sons, Ltd. x
Rodmill Chemical Co., Ltd. xiii
Rose, W. R., Ltd. xiv
Salter, George & Co., Ltd. ... iv
Sandoz Products, Ltd. 25
Santochema Aktiebolag xxxiii
Savory & Moore, Ltd. 36
Scott, J. & K., Ltd. xx
Scurr, E. xxxiv
Secto Co., Ltd. xxiv
Selto (Eastbourne), Ltd. xxxii
Sharp & Dohme, Ltd. 23
Sigal, S., & Co., Ltd. 32
Simpson, J. W., (Chemists), Ltd. .....
Singer, Ernest M. .....
Smith, Saville & Partners, Ltd.
Smith, T. J., & Nephew, Ltd.
Smith, Wilfrid, Ltd. .....
Soft Drinks Industry .....
Songo .....Leader
Spence, Peter & Sons, Ltd. ...
Stannard, A. E., Ltd. .....
Stemco, Ltd. .....
Surgical & Manicure Specialists, Ltd. .....
Surgical Equipment Supplies, Ltd. .....
Sutton, W., & Co., Ltd. .....
Tampax, Ltd. .....
Twinkle Headache Powders. Leader
Tye, John, & Son, Ltd. .....
Universal Brush Co. .....
Velvet Crepe Paper Co., Ltd.
Verva, Ltd. .....
Vigon, J. J., & Co., Ltd. ...x
Virdox .....
Vitamins, Ltd. .....
Walden & Co. (Nufix), Ltd. ...
Ward, Thomas, & Sons, Ltd.
Watford Chemical Co., Ltd....
Watts, J., (Sheffield & London), Ltd. .....
White, J. F. & Co., Ltd. Leader
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Zeal, G. H., Ltd. .....

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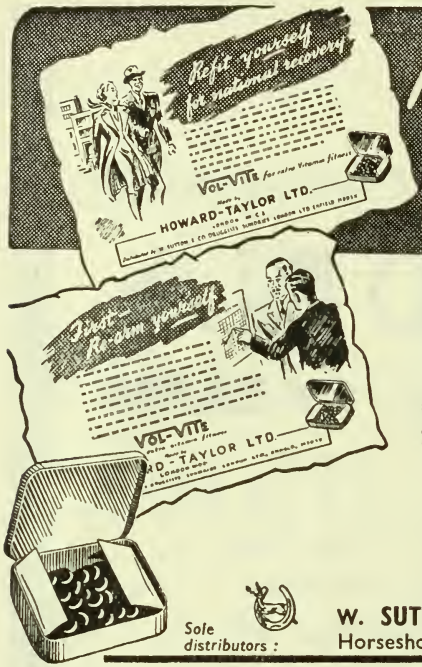

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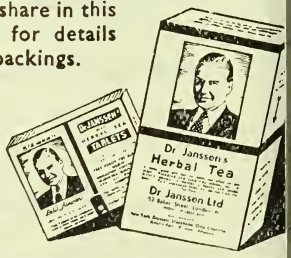

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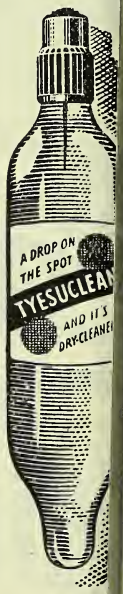

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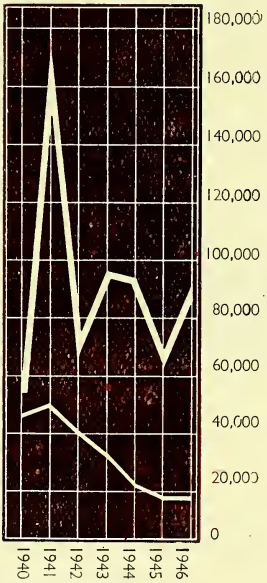

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MATTEXTURE BASE	10.0	PARTS BY WEIGHT
STEARIC ACID	10.0	,, ,, ,,
GLYCERINE	6.0	,, ,, ,,
PRESERVATIVE	0.1	,, ,, ,,
WATER DISTILLED	80.0	,, ,, ,,
PERFUME	0.5	,, ,, ,,

The consistency of the cream may be varied by adjusting the water content.

METHOD OF MANUFACTURE:—

(a) Heat the water, glycerine, preservative and MATTEXTURE in the mixing vessel to 85 deg. C. with medium to high speed stirring until the base is thoroughly dispersed. (b) Heat the stearic acid to 85 deg. C. and add slowly to the aqueous portion, maintaining high speed stirring for a few minutes. (c) Reduce stirring to minimum speed and mix until cool. (d) A perfume and stir for some minutes. Excessive beati must be avoided to ensure freedom from aeration. may be advantageous to leave the finished cream f some hours and then re-stir for a few minutes. T cream should not be packed into jars until quite co

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PEPPER

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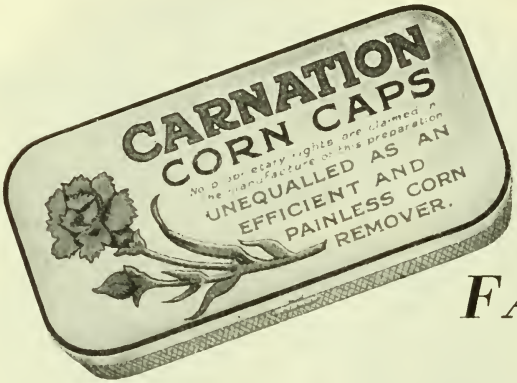

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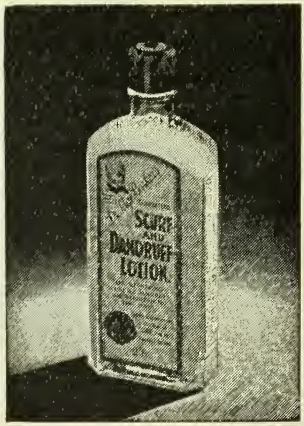

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BB235-565T

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Manufactured from LASTEX THREAD

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"Lastonet" is a Registered Trade Mark of John Heathcoat & Co

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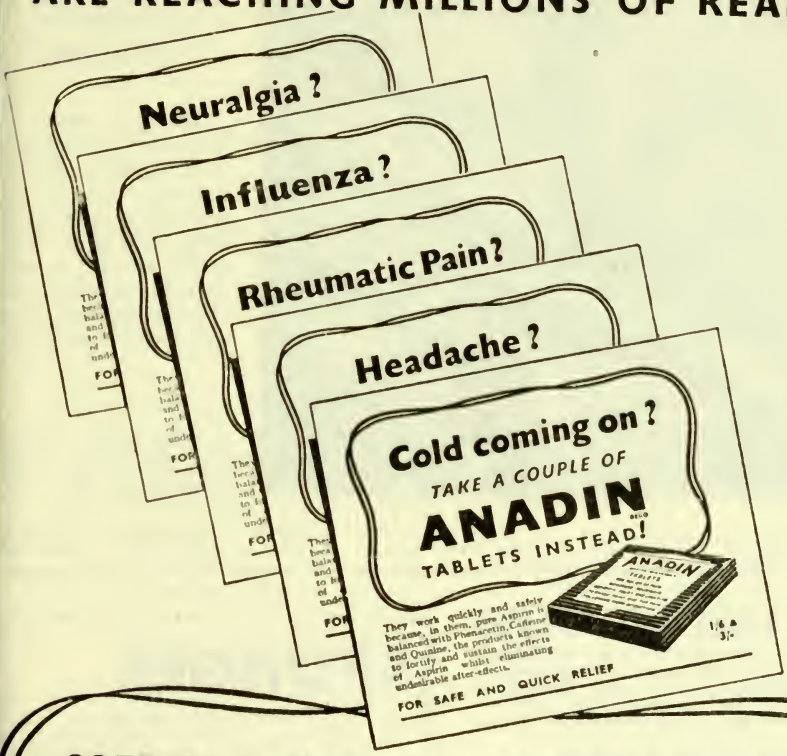

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Retail price (*Incl. Purchase Tax*) ..	1 6	3 -
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1 DDT kills by contact. It is mainly a nerve poison.
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3 DDT remains deadly to insects for a long time. (A flyspray containing an *adequate concentration* of DDT will also have this lasting action.)
4 Cooper's Flyspray not only gives quick "knock-down" and positive kill to insects on the wing, but its ample percentage of DDT ensures that sprayed surfaces remain fatal for at least 4 to 6 weeks to all winged insects alighting on them: until, in fact, the invisible film of DDT is worn or washed off.
5 Cooper's Flyspray and other high quality Anti-Pest Products are made by the original British processors of DDT insecticides. They are being widely advertised in the National press.

COOPERS ANTI-PEST SERVICE

COOPER'S

ANTI-PEST PRODUCTS

Cooper's Flyspray, Household Insecticide, Moth Spray and Moth Powder, Bin Powder, Pulvex.
Display material is available in limited quantities to Cooper stockists. Write for 1947 Trade List and order early from your wholesaler or direct.

Cooper, McDougall & Robertson, Ltd., Berkhamsted, Herts.

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(Coloured Green)

2-OZ. POTS 14/6 PER DOZ. PLUS TAX

F. AMBROSE LTD.

48 NEW KENT RD., LONDON, S.E.1

TERMS: CASH WITH ORDER

When PHENOL is *not* CARBOLIC ACID

Phenolphthalein "Rediscovered" by Modern Research

WHEN phthalic anhydride combines with phenol to form phenolphthalein, the familiar properties of phenol disappear. Phenolphthalein derives neither the caustic nor the antiseptic properties of phenol. Just how innocuous a compound is formed, modern research has revealed.

Here are some facts every chemist should know:

. . . It has been found impossible to administer to test animals a lethal quantity of phenolphthalein. 100 times the effective dose producing no apparent toxic symptoms.

. . . As high as 130 grains of phenolphthalein were taken by a child of 3, without permanent ill-effects.

. . . Phenolphthalein is relatively free from by-effects. It does not irritate the kidneys, the liver, or the intestinal tract.

. . . Phenolphthalein may be taken during pregnancy and by nursing mothers. It does not affect the milk during lactation, or the nursing child.

. . . Contrary to the belief that all synthetic drugs are constant in their physiological action, different lots of phenolphthalein *do* show a variation in laxative potency. To obtain a uniformly effective product, biological standardisation is necessary. For this purpose, rhesus monkeys are most suitable, because they respond similarly to humans to the influence of phenolphthalein.

WRITE FOR INTERESTING FREE BOOKLET

A booklet, containing medical evidence, and relating in an interesting way—"*What Modern Research Has Found Out About Phenolphthalein*" will be sent with our compliments to pharmacists who request it.

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Phenolphthalein is the active ingredient of Ex-Lax. Biologically standardised on rhesus monkeys for unvarying effectiveness, uniformly distributed in a palatable chocolate base by a special process that assures uniform dosage. Ex-Lax has attained high professional esteem, and is used by millions throughout the world.

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P.A.T.A.

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BRAND

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BULK AND PACKED

FOR MANUFACTURING AND TABLE USE

L. GARVIN & Co. Ltd.

BRANCH

THE BEAR HONEY CO. LTD.

ISLEWORTH, MIDDLESEX

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SAFELY REMOVES SUPERFLUOUS HAIR FROM ARMS & LEGS

MADE IN ENGLAND

RETAIL 7D. INC. TAX

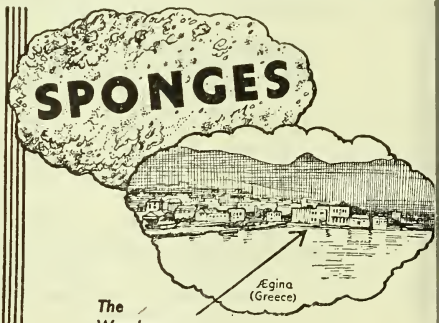
Per packet of one double-sided pad.

FROM ALL WHOLESALERS

Sole Proprietors:

ALFRED FRANKS & BARTLETT COMPANY, LIMITED.

Audrey House, Ely Place, London, E.C.1



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We have warehouses at Ægina, Greece, and are represented at all major centres of the Sponge Industry throughout the world. Let us record your name for earliest possible delivery of "RELIANCE" SPONGES & CHAMOIS LEATHERS.

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(INTERNATIONAL SPONGE IMPORTERS, LTD.)

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'PHONE GULLIVER 5167-3 'GRAMS: SPONGE, NORWEST, LONDON

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Dental Sticks are manufactured from various types of specially selected soft and hard woods and also from whalebones, and are intended entirely for massaging the gums between the teeth.

BRITISH DENTAL STICKS LIMITED
NEWCASTLE-ON-TYNE 4

The biggest news yet!

Johnson's

BABY LOTION

Retail Price **2/6** a bottle inc. **3d.** tax
Trade Terms **18/-** per dozen (plus **3/-** tax)

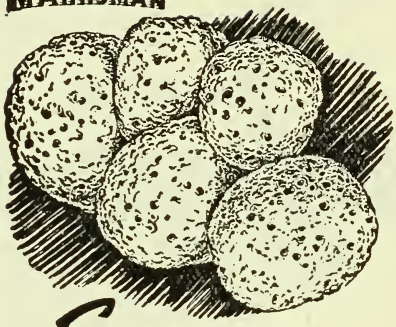
Johnson's Baby Lotion is an **extra** for you to sell, a new snow-white, antiseptic emulsion scientifically developed to soothe, cleanse, lubricate and protect a baby's delicate skin. It's the pleasantest thing mothers have ever been offered and once they have used it they'll be repeat customers for years.

Now you *can* order by post!

We have managed to overcome the bottle shortage, and now we have plenty of bottles of Baby Lotion. This new lotion is being given big backing in the magazines. Mothers are looking for it — make sure they see it in **your** shop. Send for your order now.

JOHNSON & JOHNSON (GT. BRITAIN) LTD., SLOUGH & GARGRAVE
Makers of the famous Baby Powder

MARKSMAN



Sponges

MARKSMAN BRAND for satisfaction.
Early delivery can be given.

Leslie Marks & Company Ltd.

Importers and Exporters of Fine Sponges, Chamois Leather Dressers.

7 & 9 EARLHAM ST., CAMBRIDGE CIRCUS LONDON, W.C.2. *Temple Bar 6135/6*

Complete Catalogue of Perfumery and Toilet Preparations sent on request

All products obtainable from your usual wholesale or direct from

S. SIGAL & CO. LTD.

MANUFACTURERS OF EXCLUSIVE TOILET PREPARATIONS

47 TABERNACLE STREET, LONDON, E.C.2

SEBORIL

Seborrhoea Balm

The proved and approved remedy for scurf, dandruff and common scalp disorders.

SEBORIL is widely sold upon its tested merits

Retailing at 3/4d inc. per jar showing profitable margin.

ATTRACTIVE EMBOSSED DISPLAY SHOWCARD AVAILABLE

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LOUIS MAURICE & CO. LTD.

Manufacturing Chemists

80 Islington High St., London, N.1

For SURGICAL DRESSINGS and CHEMISTS' SUNDRIES

Try :— **THE CHEMISTS' SUNDRIES (Wholesale) Co.**

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SHAVING BRUSHES OF QUALITY

Manufactured by

"GUARANTEED BRUSHES"

12/13 WHITECROSS PLACE, WILSON STREET, LONDON, E.C.2. - Telephone: BIS 8277

SOFT SOAPS

for Textile and other technical and general uses.

Some lines not yet available owing to war-time regulations.

W. M. DELF & CO.,

SOAP AND DISINFECTANT MANUFACTURERS

DELCO WORKS, RICE LANE, LIVERPOOL, 9

Telegrams: Glycerine, Liverpool
Telephone: Aintree 1752 (2 lines)

Thompson's

½ lb. Retail 2/4½—22/6 doz.
1 lb. „ 4/1 —38/6 „
No Purchase Tax

Dandelion Coffee Essence :
11½d. bottles — 9/- doz.
1/5½ „ —13/6 „
No Purchase Tax

DANDELION COFFEE

Packed in hermetically sealed tins, thus retaining all the natural aroma of Dandelion Coffee. Owing to shortage of tins, this is occasionally packed in paper wrappers, but we are doing our best to avoid this.

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LIMITED
60-64 ARTILLERY LANE, LONDON, E.1
Phone : BIShopsgate 4761. Grams : Horehound, Phone, London
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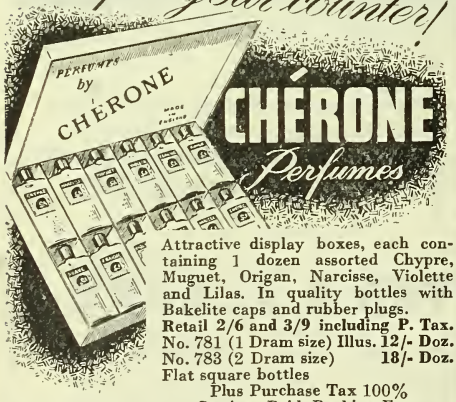
In bottles, popular size
9/6 *per dozen plus 100% P.T.*
Retail — 2/- inc. Tax.

With short supplies and restricted trading we assure the trade we are doing our best to distribute Nufix as fairly as we possibly can under existing difficult circumstances.

WALDEN & CO (NUFIX) LTD LONDON NW9

MANUFACTURERS OF HIGH CLASS TOILET PREPARATIONS

A quick-selling line for your counter!



Attractive display boxes, each containing 1 dozen assorted Chypre, Muguet, Origan, Narcisse, Violette and Lilas. In quality bottles with Bakelite caps and rubber plugs.
Retail 2/6 and 3/9 including P. Tax.
No. 781 (1 Dram size) Illus. **12/- Doz.**
No. 783 (2 Dram size) **18/- Doz.**
Flat square bottles
Plus Purchase Tax 100%
Carriage Paid, Packing Free.

Please order early to ensure prompt delivery

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creators of high-grade perfumery

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A NEW, MODERN

SOLUBLE TOWEL

Designed to give maximum efficiency and comfort, packed with scrupulous cleanliness and care—women will vote high marks for this new Velvet product.

Obtainable through all wholesalers.

RETAIL AT 1/9 A PACKET

13/5 PER DOZ. PKTS. TO WHOLESALE TRADE

15/9 PER DOZ. PACKETS TO RETAIL TRADE

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Manufactured by
Velvet Crepe Paper Co. Ltd., Alperton, Middx.

A VELVET PRODUCT · A VELVET PRODUCT · A VELVET PRODUCT · A VELVET PRODUCT

A VELVET PRODUCT · A VELVET PRODUCT ·

OVER 60% PROFIT ON OUTLAY WITH 'SKETOFAX'

NEW BONUS ★

This really worth-having bonus will net you a total profit of over 60% on outlay for every 'Sketofax' sale! Our representatives will give you the details next time they call on you. Vigorous advertising is going to create a big demand for 'Sketofax' this summer. So order early and prepare for brisk trade.

LIVELY DISPLAYS MEAN LIVELY SALES

'Sketofax' insect repellent comes to you neatly packed in these compact, eye-catching display outers. Simply open out, place on your counter and lively sales will follow. There is also an arresting 3-colour showcard to link up your window display with 'Sketofax' advertising.

'SKETOFAX' BRAND Liquid Insect Repellent

Display outers containing:—
72 capsules in packs of 6

1/4 PLUS 2d. PURCHASE TAX

★

'SKETOFAX' BRAND Cream Insect Repellent

Display outers containing:—
12 tubes

1/4 PLUS 2d. PURCHASE TAX

BURROUGHS WELLCOME & CO. (The Wellcome Foundation Ltd.) 183 Euston Road, London, N.W.1

(T.47a) P.A.T.A.

ESTABLISHED 1794

MARTINDALE
"E·S·T·P"
TRADE MARK BRAND
Ether-Soluble Tar Paste

The improved tar preparation

Purified, decolorised, aromatic non-staining; maximum tar effect. A smooth paste, easily applied. The tar component retains the essential phenolic compounds unimpaired ensuring powerful antiseptic action. All indications for Tar Treatment are indications for "E.S.T.P" (Martindale), more especially infantile eczema; eczemata generally, subacute, acute, chronic, moist and dry, with their multiform lesions; impetigo complicating occupational eczemata; prurigo; pruritus; psoriasis; pityriasis circinata; lichen planus.

"MORYL"
TRADE MARK BRAND
Carbachol
Powerful parasympathetic stimulant.

"TETRONOX"
TRADE MARK BRAND
Tablets
Reliable, hypnotic and sedative.

MARTINDALE
"STERULES"
TRADE MARK BRAND
Wide range of products for injection.

SQUIBB
"QUINOLOR"
TRADE MARK BRAND
Compound Ointment
Tissue-repair promoting Antiseptic.

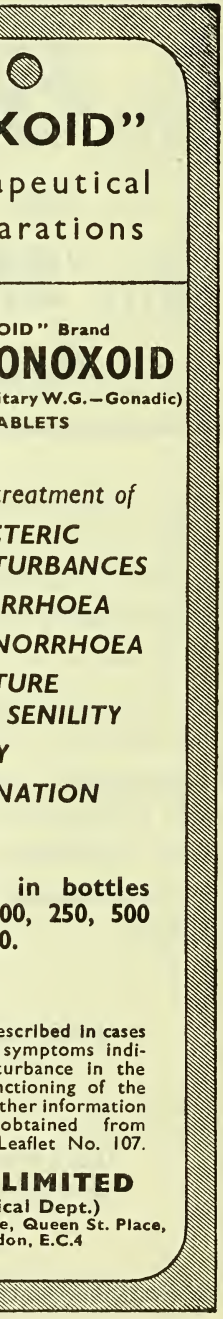
"Dr. JENNER'S ABSORBENT LOZENGES"
TRADE MARK BRAND
Digestive Tablets
Famous for 150 years for indigestion.

"MEDILAX"
TRADE MARK BRAND
Laxative Pellets
Something more persuasive.

Full details on request to :—

Savory & Moore, Ltd.
Chemists to The King

Lawrence Road, Tottenham, N.15
or Wm. Martindale, 50, Wigmore St., W.1



The
CHEMIST AND DRUGGIST
For RETAILER—WHOLESALER—MANUFACTURER
Published weekly at 28 ESSEX STREET, STRAND, LONDON, W.C.2
Telegrams : "CHEMICUS, ESTRAND, LONDON." Telephone : CENTRAL 6565 (10 lines)

CONTENTS

A Pharmacist's Anthology ... 125
Births ... 98
Business Changes ... 102
Business Queries and Answers ... 125
Centenary Books ... 113
Centenary Exhibition ... 110
Chemical Society's Centenary ... 106
Company News ... 101
Congress Personalities ... 114
Correspondence ... 119
Deaths ... 98
Editorial Article:—
Triple Event... ... 105
Employee Pharmacists ... 103
Faraday Lecture ... 107
Fifty Years of Castner-Kellner ... 115
International Chemical Congress ... 111
Irish News ... 95
Legal Reports ... 102
Local News ... 94
Marriages ... 98
Overseas Trade News ... 120
P.A.T.A. ... 100
Personalities ... 99
Pharmaceutical Committee's Conference ... 116
Royal Society's Reception ... 107
Sayings of the Week... ... 115
The Week in Parliament ... 96
Topical Reflections ... 97
Trade Marks ... 126
Trade Notes ... 100
Trade Report ... 121
West of Ireland Chemists ... 103
Wills ... 98
100 Years of British Chemistry ... 108

NEWS OF THE WEEK

Tuberculosis Conference.—A joint conference of the Tuberculosis Association and the Tuberculosis Society of Scotland was held in Edinburgh, July 16-19, and was attended by many overseas delegates. Among the subjects discussed was the use of B.C.G. vaccine in preventive treatment of tuberculosis.

Maternal and Infant Mortality.—Announcing recently the free issue of vitamin tablets to mothers (see *C, & D.*, July 19. p. 64), the Minister of Food (Mr. John Strachey), gave figures showing the improved vital statistics of mothers and infants during the past few years. The following were some of the figures given :—

Deaths per 1,000	1940	1942	1944	1946
Maternal	2·18	2·01	1·52	1·43
Neonatal (up to one month)	30	29	24·4	22
Infant (up to twelve months)	56	58	45	43
Stillbirths	37	35	28	27

World Physiological Congress. — The seventeenth International Physiological Congress opened at Oxford on July 21. Among the subjects discussed were biochemistry in relation to physiology, vitamins, sex hormones, fat metabolism, and blood-pressure in relation to kidney disease.

Lecture on Photographic Research.—In a lecture delivered to the Royal Society on July 4, Dr. C. E. K. Mees, F.R.S. (vice-president and director of research, Eastman Kodak Co., of America) described the development of his company's research organisation to a stage where it was spending over $3 million each year. Dr. Mees said he had embarked in 1912 on a programme of research from which no financial benefit could be expected for at least ten years, but the fruits of the research had in the end well repaid the cost. During the war a method had been worked out for the United States Navy to project cine films of radar screens within six seconds of their being taken. Describing the development of cine photography, Dr. Mees said that colour film was used almost exclusively by amateurs in the United States. The lecture was illustrated by 1 in. x 1½ in. Kodachrome slides shown on a screen 10 ft. square, using a 1,000-watt projector.

LOCAL NEWS

Glasgow Bowls. — Glasgow Pharmacy Club, Bowling Section, played the annual match against the Glasgow Grocers' Bowling Association for the Bovril trophy on June 24. Five rinks from each side took part, the pharmacists winning by 85 shots to 84.

Visit to King's Langley. — Some fifty members of the West Ham Association of Pharmacists visited the King's Langley farms and factory of A. Wander, Ltd., recently. The visitors were shown the various processses in the manufacture of the company's products, and were later entertained to tea.

Outing to Weymouth.—Members of the staff of Evans, Gadd & Co., Ltd., Exeter, enjoyed fine weather for a coach trip to Swanage and Weymouth on July 5. The party visited Durlston Castle for lunch. The directors were represented by Messrs. W. T. Symes and A. S. Tucker, who replied to a toast to the company proposed by Mr. L. E. Edwards (staff social secretary).

Leeds Chemists' Golf.—In a golf match for the Bowman cup played by Leeds chemists at Wetherby on July 9, the winner was Mr. E. Mann (13) with 67. Mr. J. A. Goodman (17) was runner-up with 71. During a second round, Mr. C. Newbould, Castleford (6), achieved a 240 yd. hole-in-one. A match for the Crookes cup is being played at Wetherby on August 20. Local chemists wishing to play should communicate with Mr. F. J. Carr, 88 Stoney Rock Lane, Leeds, 9.

Long Service Awards.—The directors of Beechams Pills, Ltd., St. Helens, Lancs, recently presented a pewter tea service to Mr. James Parr, a foreman in the company's packing department, who had retired after sixty-two years' service. Sir J. Stanley Holmes, M.P. (chairman of the company) made the presentation. Also present were Messrs. G. Morrison (managing director) and J. Greer (technical works manager). A further presentation was made to Mr. Parr by the girls employed in the packing department.

Rural Dispensing Discussed. — The Derby branch of the Pharmaceutical Society held a discussion on "Rural Dispensing in the National Health Service" on July 9 at which those present included Miss Mary Burr (a member of the Society's council). Views put forward included that the mile limit should be abolished; pharmacists should be responsible for all dispensing; and that pharmacists were best ab to provide a dispensing service to outlyir districts. Miss Burr stated that the pha macists' position in this problem should l summarised as "We can do it." A resol tion was passed that "In the interests the patients, all dispensing can and shou be done by pharmacists."

Visit to Hastings.—About 100 membe of the London staff of C. J. Hewlett & So Ltd., travelled to Hastings on July 12 the company's fifty-first annual staff outin After lunch Mr. A. E. Hogg (works man ger) proposed the toast of the company. reply Mr. Charles J. Hewlett (managi director) referred to the satisfactory pr gress anu expansion of the company duri the preceding year and made mention the company's recently opened factory Glasgow. Among telegrams of good wish received was one from Mr. Vivian C. He lett, Ph.C. (chairman), who was unable be present. In the afternoon the par visited Bodiam Castle.

London Chemists' Golf.—The followi are the results of a meeting of the Lond Chemists' Golfing Society held at the W Surrey Golf Club on July 6: *Arthur Cox Prize,* Mr. G. T. Morson (winner) 6 Mr. E. C. Nice 68, Mr. D. Banks 6 *"British and Colonial Pharmacist" trop* Mr. E. C. Nice (winner), 5 up, Mr. G. Morson 4 up, Messrs. T. W. D. Turn F. E. Lever, L. J. Morson, B. F. Tisdall a D. Banks, each 2 down, *Harker Stagg Morgan prize,* Mr. B. F. Tisdall (winne 26 for seven hidden holes, Mr. R. Jullia 29. A special prize for mixed fourson was presented by Mr. F. E. Lever (ca tain) to Mr. and Mrs. MacFadzean.

Public Pharmacists in Leeds.—A me ing of the North Eastern Branch of t Guild of Public Pharmacists was held Leeds recently. Mr. J. Myers in t chair. Mr. A. N. Stephenson gave a rep on a recent meeting of the Guild's Coun in London, and Mr. Myers reported on t annual meeting of the Guild. A pr gramme for 1947-48 was discussed a meetings were arranged to be held in Yo Halifax and Wakefield. It was hoped hold a joint meeting with the Bradfo Medical and Surgical Society. After t the following films, produced by t British Oxygen Co., Ltd., were shown: "The Production and Distribution Medical Gases." "Closed Circuit Ana thesia" and "Gas/air Analgesia in Mi wifery."

IRISH NEWS

Eire Young Priests' Society. — At a cent meeting of the Dublin Pharmacy anch of the St. Joseph's Young Priests' ociety, the following officers were elected re-elected:—*President,* Mr. M. Ryan; *ecretary,* Mr. Alfred E. Holmes; *Joint reasurers,* Messrs. R. Timoney and M. avitt Welsh. The executives of the Cork nd Limerick committees remain unhanged.

Irish Drug Association.—Mr. J. J. Roche as in the chair at a meeting of the Irish rug Association held in Dublin on July 7. he Association had been notified by Coras mpair Eireann that chemists might now quest local transport officials to receive npties for return to wholesalers and manucturers, as an embargo on their acceptnce had been removed. A number of mplaints about a proposed change in the stribution policy of a firm of toilet manucturers was considered and deferred for rther discussion at the next meeting. It as pointed out that members should not low advertising signs or window pelmets r non-approved lines to be fixed to their emises. Any already in position should removed as their continued display was ntrary to members' interests. Members ere urged to make a charge commensurate ith the expense involved when dispensing ch items as tablets which were not to be peated, or when bulk had to be broken, aving a balance not likely to be used again. Whatever price was charged prescriptions should always be coded. The following new members were elected: Mr. J. D. Cullen, Ronan's Medical Hall, Baltinglass, co. Wicklow; Mr. J. P. Daly, The Medical Hall, Dunlavin, co. Wicklow; and Miss T. Ellis, 1 Shaun Terrace, Ballybough, Dublin.

OVERSEAS NEWS

Anti-anæmic Factor from Whales.—Speaking on the prospects of the South African whaling industry recently, Dr. H. Coblans (formerly senior lecturer in Chemistry, Natal University College) said that, in addition to vitamins equivalent in value to more than half of those exported from South Africa in 1945, the whales in the 1947 catch could provide, from their livers, 500 lb. of protein rich in anti-anæmic factor, and from their pancreas, three to four million units of insulin.

New Brunswick Pharmacy Legislation.—A law approved recently by the New Brunswick Legislature empowers the council of the New Brunswick Pharmaceutical Society to conduct, on its own initiative or following a complaint an inquiry into any charge of professional misconduct against one of its members. The licence of any member found guilty may be cancelled or suspended. The council may require from any person lodging a complaint a deposit sufficient to cover the cost of the inquiry; a deposit may be forfeited if the complaint should prove frivolous.

STAFF OUTING.—Directors and staff of Richard Daniel & Son, Ltd., manufacturing chemists, Derby, with families and friends, photographed at Blackpool on June 29 on the occasion of the first post-war outing organised for the staffs at Derby and Ashton-under-Lyne

THE WEEK IN PARLIAMENT

By a Member of the Press Gallery, House of Commons

On July 14, Mr. F. W. Skinnard asked the Minister of Food whether he would consider extending the extra soap ration for babies to children up to the age of two years. Was the Minister aware that mothers find it at least as difficult to keep their children clean in the early walking stage as it is in the earlier napkin and crawling stage?

Mr. Strachey: I am afraid that, with the present shortage of fats, I am unable to adopt the proposal. It is a concession I would very much like to make.

Lieutenant-Colonel Sir Thomas Moore: Since I asked this question a year ago and received precisely the same answer, will the Minister say whether in the meantime he has taken any steps to discover what is the dirtiest age of a child?

Scottish Hospital Supplies

On July 15, Mr. W. Ross asked the Minister of Supply if he was aware that Scottish hospitals were experiencing difficulty in obtaining surgical dressings, particularly gauze. Mr. W. Leonard (Parliamentary Secretary) said the production of surgical dressings and gauze had been to some extent interrupted by the fuel crisis, but was now adequate to meet essential needs. He was not aware that Scottish hospitals were experiencing undue difficulty in obtaining supplies, but would have inquiries made.

Blindness after a Vaccination

The question of a Hatfield Peverel baby who went blind after vaccination was raised in the House on July 16 by Mr. Tom Driberg, who said that the child had earlier been described as "the perfect baby." At the age of four months the child was vaccinated; apparently the vaccine did not take, and she was re-vaccinated three times in seven weeks. It was alleged by the father than the injection was a double dose. On the fifth day following that third vaccination the baby was suddenly taken ill, and was found to be suffering from what was described as inflammation of the brain. Some weeks later she was returned to her home—blind. She was still, at the age of thirteen months, blind, and not developing in any way. He was not an anti-vaccinationist, said Mr. Driberg. Medical colleagues told him that there was a well-known condition known as post-vaccinal encephalitis. He asked for information.

Mr. Aneurin Bevan replied in a sym pathetic speech in which he said that post vaccinal encephalitis was extremely rare It occurred only once in 49,000 inocula tions. He hoped that the case would no deter people from getting their childre vaccinated. It was also in doubt wheth the baby's condition was due entirely t post-vaccinal encephalitis. When th Health Act came into operation, compu sory vaccination would disappear, and would not be necessary for people to ge exemptions as they now had to do to avoi vaccination. "If we were entirel immune from infection from abroad w could probably do away with vaccinatio entirely. But there have been cases—ver serious cases—of smallpox of a quite dar gerous type brought into the country fro abroad, and we have had to take pre cautions against it."

Colonel Stoddart-Scott said th serum with which the child was vaccinate had been prepared in the Governmer Serum Station, and therefore the Ministe was responsible. Could he say whether th batch, of which he would have th number, had been tested, and wheth there was anything abnormal in it?

Mr. Bevan understood it had been teste and there was no evidence of any abno mality. No double dose had been given t the child at any time.

Hard Soap

On July 17, Sir Gifford Fox asked th Minister of Food if he was aware that ther was a shortage of hard soap in the Readin area.

Dr. Edith Summerskill (Parliamentar Secretary) replied that there was som shortage in that area as in other parts o the country. Manufacturers were r minded in April to increase the proportio of the output of hard soap, and an improv ment should be noticeable from now on, a it took about sixteen weeks to effect changeover in production.

COMING EVENTS

Sunday, July 27

Dublin Pharmaceutical Chemists' and Student Social Committee. Annual cycling outing Leixlip, co. Kildare. Meet Carlisle Buildin D'Olier Street, Dublin, at 2.30 p.m. Ticke (4s. 6d. each) from Miss P. Fallon, 93 Nor Circular Road, Dublin, or from any member the committee.

TOPICAL REFLECTIONS

Council and Press

Your editorial comment (p. 81) on a notice of motion to hold meetings of the Pharmaceutical Society's Council in private is timely. The history of the first independent reports of these meetings, as outlined by you, affords a typical example of the churlishness of public bodies in their relations with the Press. Anyone who has had occasion to consult English newspapers of the eighteenth century has probably noticed the stages by which reports of parliamentary proceedings reached the style still in use. At first these reports took the form of well-informed letters from correspondents ostensibly living in foreign cities. Next the newspapers reported, or summarised, speeches in Parliament under such a heading as "Debates in a Newly Established Society," including an account of what, for instance, Lord "N—th" or Mr. "P—tt" said, the blanks being easily filled in by readers. Finally, the headings boldly introduced parliamentary debates as such with separate paragraphs for the principal speakers. If the mover of the proposed resolution at Bloomsbury Square has sufficient backing, the process I have referred to is to be, so to speak, reversed. Though the July meeting of the Society's Council was an exception, its monthly meetings have of late been almost void of interest; as one of your correspondents pertinently remarked in last week's issue, "not less but more publicity is required." I fail to see what good object can be served by closing the Council-room door on the Press. Reports of committees should be presented in secret session when, and only when, their nature necessitates that course. Reports of the Law Committee must generally (possibly always) be so treated; but what reason is there for making reports of the Publications Committee private? A learned society publishes for the advancement of learning, not profit. Secrecy consorts with autocracy; autocracy can degenerate into tyranny.

Ear-syringing

The ruling of the Chemists' Defence Association directorate (p. 74) that ear-syringing is not part of the normal business of a retail chemist will no doubt be noted by those concerned. In this age of increasing differentiation of function the ruling is in accordance with the mental climate. Yet there must be more than a few of the older chemists in business who will accept it with a certain regret; for the operation is of the nature of first aid. Whatever may be the practice now, it was customary in the City of London, not many years ago, for professional and business men engaged there during the day to call at some pharmacy periodically for the purpose of having their ears syringed. The idea was to keep their hearing as keen as possible. The usual charge was a modest half-crown, and chemists who undertook this work became so skilful that the process was rapid and perhaps pleasant. If there is still a demand, there and elsewhere, for this service, the trade will presumably go to hairdressers. In the course of a lengthy experience I have not heard, as far as I remember, of any injury arising from ear-syringing in a pharmacy.

Bismuth as a Medicine

Another delightfully ingenuous question in Parliament (p. 72) deals with "bismuth metal" as an ingredient in a powder used for medicinal purposes. The metal was mentioned in 1529 by Georg Agricola of Saxony, and was regarded by him as a form of lead. Early in the eighteenth century it was known as tin-glass; Quincy wrote that it was composed of "tin, tartar and arsenic, made in the northern parts of Germany." Probably the conditions of mining at that period resulted in a more or less impure metal being obtained. Lemery recommended bismuth nitrate (oxynitrate) for external use in ointments and plasters. His proprietary cosmetic known as blanc de fard was a mixture of bismuth oxynitrate and oxychloride. Then, and for several years after, the oxynitrate was regarded as poisonous; we read of its administration in one-grain doses mixed with magnesia and sugar. Quincy was somewhat bolder than most of his contemporaries, and thought it a safe diuretic. Caution in prescribing it continued, however; as late as 1849 Pereira noted a case of poisoning (or alleged poisoning) by it. In the Pharmacopœia Londinensis of 1824 the subnitrate, as it was then called, was introduced; in the first British Pharmacopœia it was named bismuthum album. In the 1867 B.P. it became subnitrate again, and carbonate was added. Its citrate and the citrate of bismuth and ammonium first appeared in 1885: some pharmacists still living will remember learning the processes of that Pharmacopœia for making the official salts of bismuth and the solution of the double citrate. A few may remember the processes.

Xrayser

BIRTHS

BENTLEY.—At King's Lynn, on July 18, Norah, the wife of F. C. Bentley, M.P.S., 59 Kensington Road, Gaywood, King's Lynn, of a son.

GOTTLIFFE.—At Queen Charlotte's Maternity Hospital, Goldhawk Road, London, W.6, on July 16, Mona, the wife of Harold Gottliffe, M.P.S., 137 Wentworth Road, London, N.W.11, of a daughter (Jillian Ruth).

NELSON.—At the nursing home, 23 Kimbolton Road, Bedford, on July 18, Jean Birgitte (née Chapman), daughter of Mr. H. E. Chapman, M.P.S. (secretary, Proprietary Articles Trade Association) of twin sons.

MARRIAGE

PRINGLE-SMITH.—In London, on June 28, Norman Pringle, M.P.S., 1 High Street, Walthamstow, London, E.17, to Constance Beatrice Smith, London.

DEATHS

CLARKE.—On July 5, Mr. Stanley Clarke, M.P.S., The Pharmacy, Capel, Surrey, aged sixty-eight.

DEY.—At 5 East London Street, Edinburgh, on July 5, Mrs. Agnes Osborne Black Dey, 6 Corstorphine House Avenue, widow of the late Mr. Alexander John Dey (T. & H. Smith, Ltd.).

HENDERSON.—On July 3, Mr. John Henderson, 142 Slateford Road, Edinburgh, formerly of 308 Upper Brook Street, Manchester, and of Dunchurch, nr. Rugby, aged seventy-eight. Mr. Henderson qualified as a chemist and druggist in 1891.

HEWORTH.—Recently, Mr. James Henry Heworth, Clarendon, Bruce Grove, Shortgate, Wickford, Essex, formerly of Wandsworth, London, S.W.18. Mr. Heworth qualified as a chemist and druggist in 1901.

HOWELLS.—Suddenly in London on July 12, Mr. Ivor Howells, M.P.S., 22 Beach Street, Ferndale, Glam (address in Register: 39 Bittacy Rise, Mill Hill, London, N.W.7), assistant pharmacist at the Moorfields, Westminster and Central Eye Hospital, City Road, London, E.C.1. Mr. Howells qualified in 1945.

HUCK.—On June 28, Mr. John Robert Huck, M.P.S., 10 Prospect Place, Barnard Castle, co. Durham. Mr. Huck served his apprenticeship at Darlington and qualified in 1903. He was for eighteen years in business at West Auckland, co. Durham, before transferring to Barnard Castle, where he remained in business for fourteen years before retiring on account of ill health.

MASON.—On June 23, Mr. Edward Walter Mason, 13 Anston Avenue, Worksop, Notts. Mr. Mason qualified in 1910.

MASON.—Recently, Miss Mary Anne Mason, M.P.S., 25 Sudbury Avenue, Ilkeston, Derbyshire. Miss Mason qualified in 1920.

THOMAS.—On July 1, Mr. Kedgwin Ralph Stewart Thomas, M.P.S., Darren Dhu, Aberporth, Cardigan. Mr. Thomas qualified in 1913.

WILLS

MR. WILLIAM JOHN SANDERSON, M.P.S., 130 Powke Lane, Blackheath, Staffs, left £174.

MR. ROBERT CALDER, 53 Wilson Avenue, Kilmarnock, manufacturing chemist, left £468.

MR. ALEXANDER BARTLET, M.P.S., 109 Church Lane, Charlton, London, S.E.7, left £1,676, with net personalty £1,622.

MISS MAY EVANS, M.P.S., The Pharmacy, Carmarthen Road, Cross Hands, Carmarthen, left £2,747, net personalty £2,039.

MR. DENNIS WILLIAM TURNER, M.P.S., 24 The Square, Holsworthy, Devon, left £31,461, with net personalty £27,277.

MR. ARTHUR DANIEL GRIFFITHS, M.P.S., Wogan Street, Saundersfoot, Pembs, left £12,040, with net personalty £12,004.

MR. HAROLD CAPERN, M.P.S., 18 Burville Street, Lynton, Devon, left £3,224, with net personalty £2,352.

MR. BERTIE THOMAS JAMES ELLIOTT, M.P.S., Rathgar, High Street, Hambledon, Hants, formerly of London Road, North End, Portsmouth, left £479.

MR. CHARLES WILLIAM APPLEYARD, The Mount, Park View Crescent, Roundhay, Leeds, drysalter, left £41,550, with net personalty £27,991.

MR. ERNEST SIDNEY STONE, M.P.S., 11 Scotsdale Close, Cheam, Surrey, formerly of Verwood, Wimborne, Dorset, left £3,822, with net personalty £3,778.

MR. FRANK SMISON WHITFIELD, 19 Beechhill Road, Eltham, London, S.E.9 (formerly a director of Solport Bros., Ltd., Goswell Road, London, E.C.1), left £2,520, with net personalty £2,292.

MR. NORMAN ALBERT WOOD, 69 Cambridge Road, Blundellsands, Liverpool (formerly chairman of John Thompson (Wholesale Druggists, 1921), Ltd., 27 Duke Street, Liverpool), left £29,414, with net personalty £29,353.

PERSONALITIES

ALDERMAN J. F. COSTELLO, M.P.S.I., has been elected mayor of Galway for the eleventh year in succession.

MR. L. S. CRUICKSHANK, M.P.S. (May & Baker (India), Ltd.), home on leave from India, is visiting Jersey, where, before service with the R.A.M.C., and later with the Infantry (from which he retired as Lieutenant-Colonel), he was a member of the dispensing staff of Le Poidevin, chemists, Bath Street, St. Helier. He was also organist of St. Matthew's Church on the island.

MR. HARRY ORR, M.P.S., 52 Nevill Street, Southport (a director of J. R. Cave (1922), Ltd., chemists, Southport), has been elected president of the Southport Rotary Club. Mr. Orr has served as secretary of the Southport Branch of the Pharmaceutical Society for a number of years, and was appointed recently to the local Executive Council set up under the National Health Service Act, 1946.

MR. H. A. PERKIN, B.PHARM., PH.C., who was recently appointed head of the school of pharmacy at the Technical College, Dundee (see *C. & D.*, July 5, p. 3), was previously a lecturer at the Welsh College of Pharmacy, Cardiff. He was a member of the board of examiners in pharmaceutics, the University of Wales, and in 1946 conducted courses in penicillin dispensing for South Wales pharmacists. Mr. Perkin qualified in 1925.

MR. BERTRAM THOMAS (home sales director, Gillette Industries, Ltd.) is to retire on September 30, after thirty-seven years' service with the company. Mr. Thomas joined the staff of the Autostrop Safety Razor Co. in 1910, and, after a period of service in the sales and advertising departments, travelled extensively in Great Britain and Ireland, establishing an intimate connection with the trade. In 1924, he was appointed home sales manager, a position he retained when the Gillette and Autostrop organisations merged in 1931. Mr. Thomas was elected a director of Gillette Industries, Ltd., in 1939. Mr. Thomas will be succeeded by Mr. Colin C. Rutherford.

MR. S. W. JOHNSON, J.P., M.P.S., who has been appointed to serve on the Welsh Regional Hospital Area under the National Health Service Act, 1946, is managing director of Robert Drane, Ltd., chemists, Cardiff, and has had a long record of public service. He has served on the board of management and council of the Cardiff Royal Infirmary for over twenty-one years, and during his fifteen years of chairmanship of a convalescent home secured the home as a gift to the Royal Infirmary. Among his other appointments, Mr. Johnson is senior and vice-chairman Commissioner of Income Tax for Cardiff, and has given service with the Inland Revenue authorities for twenty-five years. He is chairman of the advisory committee of the Welsh College of Pharmacy, which was established in 1919 during his presidency of the Cardiff Pharmacists' Association. Mr. Johnson has been a justice of the peace for over fifteen years and is chairman of one rota of justices. For eight years he has acted as visiting justice to H.M. Prison for South Wales and Monmouthshire, Cardiff, serving as chairman for two years. He has been secretary of the Cardiff Pharmaceutical Committee for thirty-two years, and a member of the Insurance Committee for twenty-five years. Mr. Johnson's pastimes are shooting, fishing and growing fruit and roses. He is treasurer of Cardiff Central Division Conservative Association.

AT a ceremony during the Chemical Society's centenary celebrations in London the following were admitted honorary Fellows of the Society: Professors N. J. Bjerrum (Denmark), J. N. Brønsted (Copenhagen), Sir Henry Dale (Britain), Professors Georg C. Hevesy (Stockholm), P. Karrer (Zurich), L. C. Pauling (United States), and L. Ruzicka (Zurich). Honorary degrees of the London University were conferred on July 16 on Professors Hinshelwood, Brønsted, Karrer and Pauling.

TRADE NOTES

Export to India.—Munjee (England), Ltd., 16 Curzon Street, London, W.1, invite inquiries from British manufacturers.

Wire Bands for Packing Cases.—Wirebands, Ltd., 114 Lancefield Street, London, W.10, specialise in the supply of wire bands for securing wooden packing cases.

Oaten Food. — Kings, of Kingsbury (Sales), Ltd., 1 London Bridge, London, S.E.1, have issued a booklet illustrating the manufacture of Oatrex pre-cooked oatmeal. Recipes are included.

Change of Name. — Alfred Fennings, Cowes, Isle of Wight, announce that the name of the product hitherto known as Fennings' worm powders has been changed to Fennings' sulphur powders.

Powder Puff Distributors.—Emmet Distributing Co., Ltd., 140 Park Lane, London, W.1, are the sole distributors throughout the world of Chandré beauty and baby puffs in French skin swansdown and lambswool ranges.

Wrong Price in Advertisement.—Otark Polish Co., 97 Duncombe Road, London, N.19, state that the price of Otark DDT flypapers has recently been considerably reduced. An obsolete price appeared in the company's announcement in a recent issue of this paper.

Ampoule Laboratories Extended. — C. R. Harker, Stagg & Morgan, Ltd., Emmott Street, London, E.1, announce that they have recently reorganised and extended their ampoule-making laboratories, in which they have installed the latest machinery. Additional business can now be accepted.

For Prompt Delivery. — Oxo., Ltd., state that supplies of Liveroid, the company's preparation for anæmia, are again available after a temporary absence from the market owing to shortage of bottles.—R.W.P. Pharmacal Products, Ltd., Bourne End, Bucks, state that their standard pack of R.W.P. sanitary towels with absorbent wool, loop ends, size 2, in dozens, are available for prompt delivery.

Soapless Washing Tablet.—A new type of washing tablet has been developed by British Solvates, Ltd., Wharf Road, Ponders End, Middlesex, by incorporating a detergent with a soluble filler into a washing tablet that is being issued under the name Novosope. The product is stated to lather well in both hard and soft waters an to be manufactured entirely from materia produced in Great Britain; it contains n fat and may be supplied free of soa coupons.

Industrial Catering.—Pointing out tha maximum production in industry is onl possible when workers receive a sufficien number of calories daily, and that som medical authorities consider that the calo ies obtainable from rationed and pointe foods are insufficient for normally activ adults, Intel (Caterers), Ltd., 25 Round wood Road, Willesden, London, N.W.10 have devised a plan entitled "Maximur Efficient Production through Effectiv Economic Catering," which is described i a leaflet available to any interested manu facturer.

Holiday Closings.—The following clos ings are announced: Glaxo Laboratories Ltd., Greenford, from Friday evening August 1, until Tuesday morning, Augus 5.—Hirst, Brooke & Hirst, Ltd., Sheep scar Works, Leeds, from Friday evening August 1, to Wednesday morning, Augus 5.—A. L. Simpkin & Co., Ltd., Hunto Road, Sheffield, 6, from Friday evening August 1, until Tuesday morning, Augus 12 (the company's twenty-four hour pre scription service will be discontinued durin this period and for a short time afterwards every effort will be made to resume norma deliveries so soon as possible).

Supplies Limited.—Owing to a curren shortage of medicinal paraffin, onl limited supplies of M.O. (magnesia oil issued in bottles of two sizes by Musterol Fine Products Co., Ltd., Brook Hous Park Lane, London, W.1, are availabl The sole distributors are Thos. Christy Co., Ltd., Farnham, Surrey. — Jame Woolley, Sons & Co., Ltd., Victori Bridge, Manchester, 3, state that only fraction of the pre-war output of Nuron sun-bronze and sun-tan creams will b available during the coming season owin to restrictions imposed by the Limitation c Supplies Orders.

Proprietary Articles Trade Association

Alterations to Protected List (Part 1).—*Joh Wyeth & Brother, Ltd.*, Kaldrox, 6-oz., 23s. 1 doz., tax 3s. 10d. doz., inclusive retail pri 2s. 10d.; 12-oz., 34s. 8d. doz., tax 5s. 9½d. doz i.r.p. 4s. 4d. Proctoids, 12's, 39s. 2d. doz., ta 6s. 6d. doz., i.r.p. 4s. 10d.

COMPANY NEWS

J. H. MARTIN (CHEMISTS), LTD. (P.C.). Capital £500. Nora Martin, Vera Naylor nd Marmaduke Thwaites, M.P.S., directors. R.O.: The Pharmacy, Wakefield Road, itzwilliam, Pontefract.

ROBERTSON (PAINTS) & CO., LTD. (P.C.). Capital £500. To carry on the business manufacturers of and dealers in all nds of drysaltery, paints, oils, drugs and emicals. R.O.: 706 Chester Road, Erdgton, Birmingham.

COSMOS CHEMICALS, LTD. (P.C.).—apital £1,000. To carry on the business manufacturers of and dealers in chemils, lacquers, paints, etc. The first directors are to be appointed. R.O.: 9 Mansld Street, London, W.1.

WALCREME, LTD. (P.C.).—Capital £250. o carry on the business of manufacturers and dealers in soap, soap powders, etc. ose Green and Edward Green, both of 89 erton Crescent, Roby, Lancs, directors. .O.: 5 Cook Street, Liverpool, 2.

JONSAN, LTD. (P.C.).—Capital £10,000. o carry on the business of dealers in proietary medicines, chemicals, etc. David Davies, M.P.S., and John M. Lloyd, I.P.S., directors. R.O.: 7 Guildhall quare, Carmarthen.

HERBERT JACKSON & SON, LTD. (P.C.). apital £1,000. To carry on the business dispensing and photographic chemists, ruggists, etc. First directors are not amed. R.O.: 56 Station Road, Sandiacre, otts.

OSCAR HARRIS, LTD. (P.C.).—Capital 7,000. To acquire the business of a chemt carried on by E. O. Harris at 63 Sankey oad, Warrington, as "Oscar Harris." . O. Harris, M.P.S., and F. L. Banner, irectors.

DUBLIN CHEMICALS, LTD. (P.C.).—Regstered in Dublin. Capital £5,000. To arry on the business of chemists, druggists, tc. Charles J. Boyd, 49 Raglan Road, allsbridge, Dublin, subscriber. First irectors are not named.

HADFIELD & SLEE, LTD. (P.C.).—Capital 1,000. To carry on the business of chemsts, etc. Levi Hadfield, 88 Nelson Street, Hyde, Ches, and Miss Lillian Slee, 1 Redord Road, Higher Crumpsall, Manchester, directors. R.O.: 172 Claremont Road, Moss Side, Manchester.

EVER READY DENTAL PREPARATIONS, TD. (P.C.).—Capital £1,000. Wm. Wolsey, 5 Fountain House, Park Lane, London, V.1, and Amedee A. H. Papillon, Chanteauze, Olliergues, Puy de Dome, France, irectors. R.O.: Fenwick House, 289-293 High Holborn, London, W.C.1.

HUGHES HARDY & CO., LTD. (P.C.).—Capital £1,000. To carry on the business of manufacturers of and wholesale and retail dealers in chemicals, gases and disinfectants, etc. Harold G. Woodward and Gwendoline E. A. Woodward, directors. R.O.: 30 Bridlesmith Gate, Nottingham.

SABIT, LTD. (P.C.).—Capital £2,000. To carry on the business of manufacturing, dispensing chemists and druggists, etc. Augustine McGuckin, Mrs. Dinah G. Russell, Wilfred Bernstone and Samuel Bernstone, directors. R.O.: 7 Cross Street, Newcastle-on-Tyne.

A. MCHARDY & CO., LTD. (P.C.).—Capital £2,126. To acquire the business of chemists, druggists, etc., carried on at North Wembley by Jean E. McHardy and George A. Rowe, M.P.S., who are directors of the new company. R.O.: 203A East Lane, North Wembley.

TONIZONE TOILET PRODUCTS (DERBY, ENGLAND), LTD. (P.C.).—Capital £5,000. To carry on business of manufacturers of and dealers in perfumes, cosmetics, beauty creams, essences, oils, etc. Euripides Papantoniou and Leonard Elliott, directors. R.O.: 8 Strand Arcade, Strand, Derby.

JOSEPH O'REILLY, LTD. (P.C.).—Registered in Dublin. Capital £10,000. To acquire the business now carried on at 102 Lower Leeson Street and 17 Upper Merrion Street, Dublin by Joseph O'Reilly, as a pharmaceutical chemist, etc. Joseph O'Reilly, Ph.C., director.

TENZ (LONDON), LTD. (P.C.).—Capital £10,000. To acquire the business of Tenz, Ltd. and the registered trade mark B536855, and to carry on the business of manufacturers of and dealers in chemicals, medicines, toilet goods and chemists' sundries, etc. First directors are to be appointed. R.O.: Amberley House, Norfolk Street, London, W.C.2.

AYRTON, SAUNDERS & CO., LTD.—Mr. Gilbert A. Nixon, M.C., M.P.S., has been appointed a director. Mr. Nixon was the Bell Scholar of 1938.

VICK INTERNATIONAL, LTD.—Mr. Dimitri de Grunwald has been appointed managing director of this recently formed subsidiary of Vick Chemical Co., of New York (see *C. & D.*, June 28, p. 736). Mr. Paul Corbould is the sales and advertising manager.

C. J. HEWLETT & SON, LTD.—Mr. O. C. Pritchard, one of the firm's senior representatives, has been elected to the board of directors. Mr. Pritchard will continue to act as a representative of the company as heretofore.

ST. ANDREW MILLS, LTD.—Mr. R. F. Williams, secretary, who formerly acted also as alternate director of the company, has now been elected to the board as an additional director. Mr. Terence D. Allen has also been elected to the board.

LEGAL REPORTS

Damages for Industrial Poisoning.—At Manchester, recently, an award of £1,546 damages, with costs, was made to Henry Cocker, millwright, in a claim he had brought against his employers, the Geigy Co., Ltd., Trafford Park, Manchester, in respect of bronchitis, skin and eye troubles received as a result of poisoning by dimethyl sulphate.

Disposal of Trade Effluent.—At Barnard Castle, co. Durham, on July 8, Glaxo Laboratories, Ltd., appealed before the Ministry of Health against a refusal of the local urban council to permit effluent from the company's penicillin works to be emptied into the town's sewerage system. At present, the applicants stated, 25,000 gall. daily of effluent was transported daily by tankers to West Hartlepool, forty miles away, to be dumped into the sea. The company desired as an experiment to run 5,000 gall. daily into the town's sewers for twelve months. It was announced that the Ministry would report its decision in due course.

Pharmacy Act Fines.—Fines totalling £12 were imposed at Willesden, London, police court, recently, on George Wilson, Clitterhouse Crescent, Cricklewood, on charges connected with a sale of nicotine (in fumigating shreds) in contravention of the Pharmacy and Poisons Act, 1933.—At Margate, recently, Harry Simister Picton, Hawley Street, was fined £1 on charges of selling, not being an authorised seller, tablets containing ephedrine, and for selling them in a container not labelled in the prescribed manner. — At Thornaby-on-Tees, recently, Hyman Kaufman, 59 Mandale Road, was fined a total of £22 2s. on charges of contravening the Pharmacy and Medicines Act, 1941, by selling medicines not labelled to show the ingredients, and in other ways.

Use of Title "Vinegar." — In the King's Bench Division, London, on July 17, George Edmund Fullman, Frindsbury, Strood, claimed an injunction of restraint on D. T. Lyle & Sons, Ltd., Frindsbury Brewery, Strood, from continuing to supply as "vinegar" a liquid he alleged to be not correctly so described. He pleaded that vinegar was a specific commodity obtained by fermentation and that in addition to its acid content it had a well-known flavour and bouquet. The liquid supplied by the company was, in his contention, not vinegar and not "reasonably fit for the purpose for which it was intended by him. It was merely diluted acetic acid dyed with synthetic brown dye." For the defendant it was argued that, when informed that the company was unable to supply the usual malt vinegar and could only supply non-brewed vinegar at the same price, Fullman agreed, and accepted the liquid described. It was admitted that, in error, the label "vinegar" had been attached to the cask, but the plea was made that the purpose for which the vinegar was required by the plaintiff was not known, although the liquid supplied was "entirely fit for any purpose." The decision given in the case was an award of £1 17s. 6d. damages. It was not true, said the judge, that the case raised an issue concerning the general public, and the suggestion that the trouble would be repeated in the future did not arise. The question before the court was whether any damage had been suffered by the plaintiff, and the only pecuniary loss he could prove was the amount stated. He had not proved any loss of business or of reputation. Plaintiff was allowed half his costs.

BUSINESS CHANGES

Mr. W. E. Ford is resigning from the service of Sangers, Ltd., London, N.W.1, as from July 31.

Mr. J. Colvin, M.P.S., has opened a new business at The Pharmacy, Dunning, Perthshire. There was previously no chemist's shop in the village.

Rentokil, Ltd., request that future correspondence should be addressed to School Lane, Fetcham, Surrey (Telephone Leatherhead 3664).

J. Sulkin & Sons, Ltd., 93 Bolsover Street, London, W.1, have appointed Mr. H. B. White manager of their northern branch at 11 Tower Buildings, Scotch Street, Carlisle.

Eucryl, Ltd., have appointed J. Shaw & Son (Glasgow), Ltd., 205 Hope Street, Glasgow, C.2, as their representatives for the whole of Scotland with effect from August 1.

Richard Hudnut, Ltd., have rearranged the territories covered by members of their sales staff as follows: Mr. J. W. Watson, West, South-west and South-east London, Kent, Surrey and Sussex; Mr. H. H. Watts, North, North-west and East London, Middlesex and the Home Counties; Mr. A. J. Shepherd, West of England and South Wales.

WEST OF IRELAND CHEMISTS

A WELL-ATTENDED meeting of the West of Ireland Chemists' Association, held at Sligo on June 29, was presided over by Mr. T. P. Toher, Sligo. Mr. Toher thanked those members who had travelled long distances, and extended a welcome to Messrs. J. K. Whelehan (president, Pharmaceutical Society of Ireland), M. Costello (president, Irish Drug Association) and Brendan R. Smith (general secretary, I.D.A.), who had travelled from Dublin. A long discussion took place on the recent strike of wholesale drug workers in Dublin, and some speakers pointed out that chemists in the provinces a long distance from Dublin had suffered much greater shortages, and more inconvenience, than those near the city. It was unanimously agreed that representations should be made by the Irish Drug Association to firms which had been distributing chemists' lines on a quota basis to make good the accumulation of quotas due to chemists who had not received supplies during recent months. The possibility of forming a chemists' co-operative wholesale buying and distributing group was discussed, and it was decided that the matter should be considered by each town, or local association, and then brought before the Western Association for further consideration at the next meeting. It was decided to ask wholesalers to dispatch invoices with less delay, and to send more detailed checking notes or, alternatively, that a duplicate of the original order should be sent with the items not dispatched deleted. Complaints were made by several members about the indiscriminate distribution of many lines. In a discussion on the distribution of veterinary preparations it was agreed that the I.D.A. should oppose anything placing difficulties in the way of supplies to chemists. THE SECRETARY pointed out that a recent Government Order would probably be revised to enable chemists to obtain their manufacturing sugar quota in refined sugar. Other matters under review at the meeting were price cutting, cod-liver oil prices, and developing and printing charges.

Officers for the Year

The following outgoing officers were re-elected: *Chairman*, Mr. T. P. Toher, Sligo; *Vice-chairman*, Mr. T. Stack, Westport; *Secretaries*, Messrs. M. J. Mulreany, Sligo, and C. Flanagan, Headfort; *Treasurers*, Messrs. V. Tully, Castlerea, and M. Durcan, Ballina. MR. J. K. WHELEHAN said that a deputation representing the Pharmaceutical Society of Ireland and I.D.A. had been received by those responsible for the new Public Health Bill, and an assurance given that chemists would be consulted before any regulations affecting them were made when the Bill became an Act. It was vital that chemists should have strong and united professional and trade bodies. Mr. Whelehan said he had discussed the question of doctors who dispensed medicines themselves with a representative of the Medical Association who had expressed the view that the Medical Association would eventually persuade all doctors to discontinue the procedure. A charge of at least 2s. 6d. should be made for copies of prescriptions, suggested Mr. Whelehan, and a dispensing fee should be charged on every prescription. MR. M. COSTELLO also addressed the meeting.

EMPLOYEE PHARMACISTS

THE first annual meeting of the National Organisation of Employee Pharmacists was held in London recently, Dr. H. Davis in the chair. MR. J. E. SHINNER (secretary) reported that statements on the professional problems of the employee pharmacist in retail and public pharmacy, issued by the provisional council, had been well received. A meeting had been held with representatives of the Guild of Public Pharmacists, the Association of Scientific Workers and the London County Council Staff Association, to discuss unsatisfactory conditions in the pharmaceutical service in L.C.C. hospitals. It was concluded that most of the difficulties arose from under-establishment. A consultative committee of employee organisations which had been formed during the year had enabled employees to speak with one voice on the Joint Committee on a National Pharmaceutical Service.

The following were elected to the council of the organisation: *Representing retail pharmacy*, Miss E. F. Hayward, and Messrs. C. R. Clarkson, F. H. Connelly, N. H. Griffiths, E. G. Monk, D. A. Paterson and S. Simons; *Representing public pharmacy*, Miss M. E. Brighten, and Messrs. W. S. Benjamin, J. R. Elliott, H. S. Grainger and W. F. Wilkinson; *Representing industrial pharmacy*, Messrs. D. D. Miller and J. E. Shinner. At a subsequent meeting of the council the following officers were elected: *Chairman*, Mr. H. S. Grainger; *Vice-chairman*, Mr. J. R. Elliott; *Secretary*, Mr. J. E. Shinner, 91 Eastern Road, Romford, Essex; *Treasurer*, Mr. W. F. Wilkinson.

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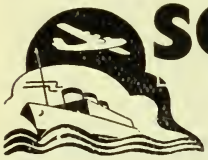

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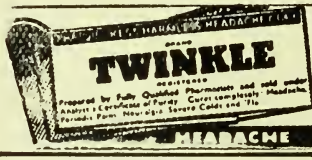

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VOL. CXLVIII JULY 26, 1947 NO. 3518

Triple Event

THREE notable events in the world of chemistry brought together in London last week a distinguished company of chemists from all corners of the world. The centenary celebrations of the Chemical Society, inevitably delayed since 1941 when they were due, were followed by the eleventh International Congress of Pure and Applied Chemistry and the fourteenth conference of the International Union of Chemistry, both of which had been deliberately arranged to coincide with the centenary celebrations as a fitting compliment to the prestige of the oldest chemical society in the world. The triple event was celebrated in the comprehensive series of events, formal, academic and social, which is reported elsewhere in this issue.

It was on February 23, 1841, that a meeting convened by Robert Warington was held in London "for the purpose of taking into consideration the formation of a chemical society." Its main objects were to be "the advancement of chemistry and those branches of science immediately connected with it" and "the communication and discussion of discoveries and observations relating to such subjects." The Chemical Society was duly constituted on March 30, 1841, with Thomas Graham as its first president. (In the same year, only a few weeks later, there took place at the Crown and Anchor Tavern in the Strand, London, the meeting of members of the drug trade which led to the founding of the Pharmaceutical Society of Great Britain.) At the start the Chemical Society had only twenty-five members; today it has more than 7,000. The history of the chemical developments which have taken place in this country during the century, developments which have affected almost every aspect of human life, can be told largely in terms of the work of the Society's members, as is well illustrated in the three volumes published to commemorate the centenary (see p. 113).

Pharmacists will need no reminder of the debt medicine owes to chemical research. As Sir Henry Dale remarked in the course of a Congress lecture, chemistry has provided the medical profession with an "almost embarrassing" variety of new hypnotics, analgesics, antispasmodics, anæsthetics and other therapeutic agents. Almost every prescription dispensed today owes something to the work of the research chemist during the past century.

At the formal opening of the centenary celebrations, written addresses of congratulation were presented to the Chemical Society by delegates representing some thirty-five overseas sister organisations. The greetings of a like number of learned societies and institutions in Great Britain (including the Pharmaceutical Society, the Royal Institute of Chemistry and the Society of Chemical Industry), similarly conveyed, completed an eloquent and permanent testimonial to the reputation which the Chemical Society has established for itself in the scientific world.

At the International Congress which followed, the emphasis moved from the past to the present and the future. The list of sections into which the Congress was divided speaks eloquently of the wide range of activities to which chemists have been attracted, and of the intimate relations existing between research chemists and the many branches of the chemical industry. The chemist of today is no longer the man with his nose to a test tube, oblivious to the rest of the world. In various lecture theatres of the Imperial College of Science and Technology, the sections met to hear and discuss papers representing a vast amount of research on practical problems carried out in many different countries. The Congress represents, in fact, an inspiring example of international co-operation.

CHEMICAL SOCIETY'S CENTENARY

Founded in 1841, the Chemical Society held over its centenary celebrations, due in 1941, owing to war-time conditions. The postponed events, held July 15-17, were attended by many overseas scientists.

THE centenary celebrations of the Chemical Society were formally opened at the Central Hall, Westminster, London, S.W.1, on July 15. The distinguished visitors and delegates representing kindred societies and organisations from foreign countries, from the Empire and from Great Britain, were received by the president and council of the Society, and then formed a procession into the hall to take their seats. Most of the delegates wore the academic dress of their universities, and the kaleidoscope of colour created by the gowns and hoods—in which scarlet predominated over yellows, greens, mauves, greys and pinks—was heightened by the sober, neutral background of the hall. A bemedalled member of the Corps of Commissionaires, bearing the mace of the Chemical Society, led in the delegates, to deposit his burden upon a table in front of the president's chair.

A Symbol of Unity

PROFESSOR C. N. HINSHELWOOD (president) opened the proceedings by reading a message of greetings from the King. Welcoming the delegates, he said that the gathering was symbolic of the unity of science in all countries. When they had something worth while to work for, men experienced no difficulty in co-operating with one another.

PROFESSOR RAYMOND DELABY (president of the Chemical Society of France—itself a comparative youngster, established in 1857), acted as spokesman for all the overseas delegates in congratulating the Chemical Society on having achieved (and passed) its centenary. Representatives of some thirty-five foreign chemical societies handed to the president written addresses of congratulation. Each delegate, as he walked across the platform to make the presentation and speak a few words of congratulation to the president, was greeted with applause. Professor H. Erdtman, Stockholm, received an extra round of delighted applause when it was seen that the greetings of his society, the Chemical Society of Stockholm, were engraved upon an exquisite example of Swedish glassware. All the addresses were later removed from the hall to be exhibited at the headquarters of the Chemical Society.

Next it was the turn of other learned Societies in Great Britain to convey their congratulations. Their spokesman was SIR ROBERT ROBINSON (President of the Royal Society and a former president of the Chemical Society), who pointed out that many of the learned societies represented there were themselves offspring of the Chemical Society; as their spokesman, he assured the Chemical Society of "continued filial devotion." Written addresses from some thirty British Societies and Institutions were then formally deposited. The Pharmaceutical Society was represented by Mrs. J. K. Irvine (president), the only woman to deliver an address of congratulation. Special applause greeted Sir Alexander Fleming, representing the youngest of the learned societies, the Society of General Microbiology. The proceedings of the opening meeting were then formally adjourned.

Centenary Address

The delegates reassembled after lunch, having shed their gowns and hoods, to hear the centenary address delivered by PROFESSOR C. N. HINSHELWOOD.

When the Chemical Society was founded in 1841, said Professor Hinshelwood, little was to be seen in the dislocations that followed the industrial revolution to suggest that England was at the beginning of a great period in its history. The country tended to produce a few of the finest flowers of science without a corresponding amount of foliage and fruit. Twenty years later, in 1861, when Prince Albert had died and the American civil war had begun, dislocations that followed the industrial revolution had been brought under control and the chemistry laboratory at Oxford had been founded. Even in 1867, however, chemistry was still largely in the hands of the amateur. The city of Leeds, with a population of a quarter of a million, had only one teacher of chemistry who lectured in a cellar and was paid £11 a year.

In 1881 Helmholtz had given his great Faraday lecture, laying the foundation of the electronic conception of chemistry, but science in the universities was still feeble.

In the next four decades vast changes occurred, especially in matters of size and

organisation. A new chemical industry had been established, new research institutes and university laboratories were flourishing. A significant feature was the growth of co-operation in research, and the alliance between science and industry.

The history of these developments could be looked at in two ways—as an unpredictable chaos or as the gradual revelation of innate qualities of people and circumstances. Both views were merely aspects of a wider whole. Discoveries depended on the general background of the times but just when and where they occurred depended on the chances of genius. Certain characteristic lines of thought had acted as a kind of determining force throughout the century. An intuitive sense of the electrical basis of chemical reactions ran through from the work of Davy and Faraday to that of Robinson and Ingold at the present time. A strong empirical strain could be seen in Priestley and his successors.

The growth of organisation had gradually overtaken the individualism of a century ago. Complete individualism, said Professor Hinshelwood, led to chaos, but complete organisation turned the individual into a slave. Complete organisation had produced results during the war, but at a cost that would not be acceptable in times of peace. A new technique was needed to enable the individual to use his abilities within the modern organisation. The scientist himself must solve the problem of combining liberty with order.

Faraday Lecture

Before an audience representative of chemists of many countries, SIR ROBERT ROBINSON (President of the Royal Society) delivered in London, on July 16, the Faraday lecture of the Chemical Society and received the Faraday medal, the highest honour which can be bestowed by the Society.

The Faraday lecture is the most important of six special lectures of the Chemical Society which are given at intervals ranging from one to several years. The first in the series was given in 1869 by Dumas, and succeeding lecturers have included Cannizzaro, Hofmann, Mendelejeff, Rayleigh, Ostwald, Fischer, Arrhenius, Willstätter, Bohr, Rutherford and Langmuir.

Introducing Sir Robert, the title of whose lecture was "The Development of Electrochemical Theories of the Course of Reactions of Carbon Compounds," PROFESSOR C. N. HINSHELWOOD (President of the Chemical Society) pointed out that the subject was particularly appropriate to the Faraday lecture as Faraday's most important contributions to knowledge were perhaps the synthesis of benzene and his work on electrolysis.

SIR ROBERT outlined the history of the electrolytic dissociation of acids, and showed how the principles involved could be applied to the benzene ring and to the theory of partial valency. The electrical influence of groups, etc., attached to the benzene nucleus, affected the position in that nucleus at which substitution took place. An -onium group, for example, with a positive charge, gave meta nitration, whereas a group with a negative charge caused ortho and para substitution. By electrical considerations he showed why substitution in the meta position was slower than that in the other positions. Groups, etc., might be divided according to whether they were electron donating (nucleophilic, or anionoid), or electron accepting (electrophilic, or cationoid), as indicated in the following table:—

Anionoid Nucleophilic Electron Donating	*Cationoid Electrophilic Electron Accepting*
H_2N^- HO^-	Active cations
RO^- CN^-	OH^+ PhN_2^+
R_3N R_2O	Atoms with incomplete electron configuration.
Metals as electron sources.	Oxidising agents.
Organo-metallic groups.	Carbonyl compounds $Me_2C{=}O$

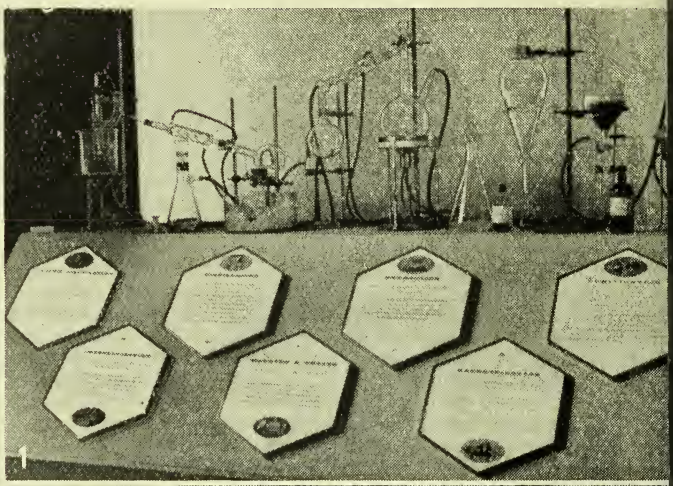
Royal Society's Reception

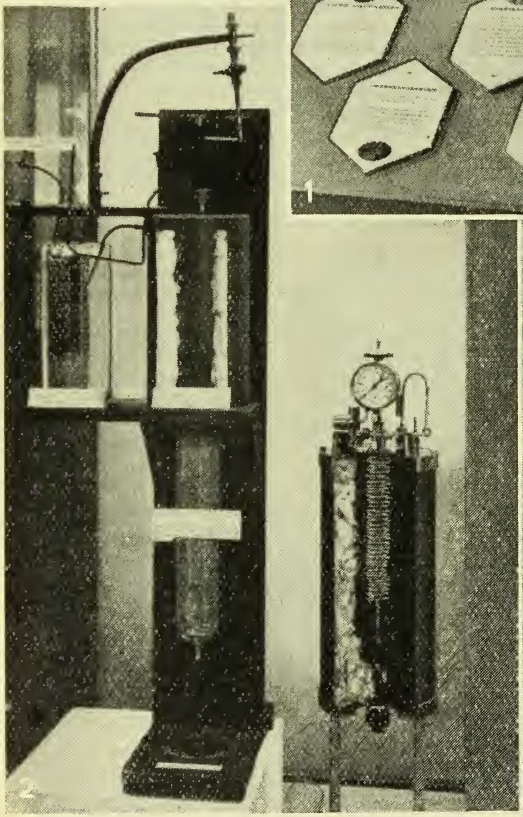
A reception held by the Royal Society, on July 17, to celebrate the centenary and the international congress, was attended also by the delegates of some twenty-five nations present at a meeting being held in London by the International Union of Chemistry, and by some of the delegates to an International Physiological Congress at Oxford (see p. 93).

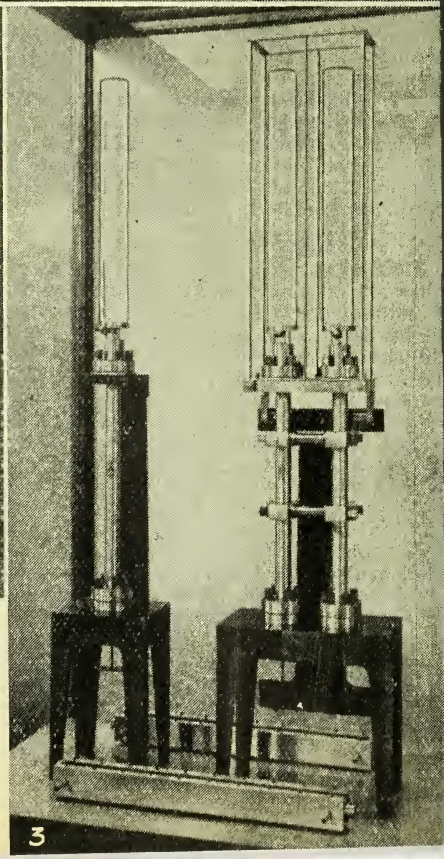
Sir Robert Robinson (president of the Royal Society) received the guests, who included a number of Cabinet Ministers and the Ambassadors of countries represented at the international congress. For the occasion the Royal Academy of Arts had lent it galleries. During the evening two short musical programmes were given by a string quartet composed of scientists.

100 YEARS OF BRITISH CHEMISTRY

The Chemical Society stages a centenary exhibition







Open until September at the Science Museum, South Kensington, an exhibition organised jointly by the Chemical Society and Department of Scientific and Industrial Research traces the development and illustrates the many applications in everyday life of British chemistry

1. The production of vitamin A is explained in a panel of descriptive hexagons, with apparatus above, in a section on organic chemistry and biochemistry

2. Early apparatus for liquefying gases. Left, Travers's hydrogen liquefier (1900) and right, Hampson's air liquefier (circ. 1895)

3. Andrews's apparatus (circ. 1865) to demonstrate the continuity of the liquid and gaseous states

4. A general view of one corner of the exhibition. Signboards "Properties of Gases" and "Crystalline State" serve to illustrate the arrangement of the displays. A visitor consults the informative exhibition booklet "Chemical Progress," published by H.M. Stationery Office

5. The story of Britain's contribution to the development of photography is portrayed in early photographs, apparatus and documents

CHEMICAL EXHIBITION

An exhibition to illustrate the achievements of British chemistry during the past century is open at the Science Museum, South Kensington, London, S.W.7 until September. It has been organised jointly by the Chemical Society and Department of Scientific and Industrial Research, and was formally opened on July 14, in a ceremony at which the Minister of Education (Mr. George Tomlinson) presided, and Professor C. N. Hinshelwood, F.R.S. (president of the Chemical Society), gave an address. They were supported on the platform by Mr. H. Shaw, D.Sc. (director of the Science Museum), Sir Robert Robertson, F.R.S. (chairman, Joint Exhibition Committee), Sir Edward Appleton, F.R.S. (secretary, Department of Scientific and Industrial Research), Mr. L. H. Lampitt, D.Sc. (chairman, Bureau of Abstracts) and Dr. R. P. Linstead, F.R.S. (director of the chemical laboratory, Department of Science and Industrial Research).

Ministerial Welcome

Extending a welcome to visitors from all over the world, Mr. Tomlinson described the events of the week as an expression of international friendship and co-operation at its best. "When the nations can work at the political level," he said, "in the same unselfish and zealous manner for a common purpose as your Society and others like it, then the world will at last be on the way to the kind of society which we as members of the United Nations, through Unesco and the other specialised agencies, are trying to build."

The exhibition was declared open by Professor Hinshelwood, who said that the real adventures of science took place in the minds of men. Much of the exhibition's interest would lie in the association of the objects to be seen with the men who used them. In this respect the exhibition differed from an art show, in which the objects could speak for themselves. Pointing out that one of the three sections into which the exhibition was divided was devoted to books, the Chemical Society's president remarked, "It used to be said that a University was in essence a collection of books. It is a sad reflection that today we come to museums to see the books." Visitors to the exhibition would note the simplicity, even primitiveness, of some of the objects displayed; the "Mark I models" of almost anything had to be made on the cheap.

Apparatus and Objects on Display

The Exhibition is in three sections—a historical section organised by a joint committee of the Chemical Society and the International Congress of Pure and Applied Chemistry; a section illustrating applications of chemistry in everyday life organised by the Chemical Society, the Department of Scientific and Industrial Research, and the Central Office of Information; and a display of chemical books and periodicals of many nations (and including The Chemist and Druggist).

The historical section is divided for convenience of viewing into a number of subsections, each dealing with one aspect of chemistry, and the subsection titles include: Properties of gases; the Solid State; Organic Chemistry and Biochemistry; and Agricultural Chemistry. The exhibits include original apparatus, models, diagrams, solid graphs, samples of substances, and demonstrations that may be operated by visitors. They are arranged to trace the development of British chemistry from the work of Henry Cavendish, Faraday, and other classical workers to recent work such as that on elucidation of the structure of the penicillin molecule.

Exhibits of particular interest to pharmacists include a display illustrating the development of vacuum vessels from the Dewar flask devised by Sir James Dewar in 1891 during the course of work on the liquefaction of oxygen at the Royal Institution. A reproduction of Faraday's original notes, together with tubes and pumps used by him when working on the liquefaction of gases, is also shown. Hampson's air liquefier, later developed by Murray (Brin's Oxygen Co., Ltd., today the British Oxygen Co., Ltd.), is shown along with original apparatus (radiometer and cathode-ray tube) used by Sir William Crookes. The original dialysis bowl used by Thomas Graham (first president of the Chemical Society and sometimes designated "the father of colloid chemistry") is a main feature in the subsection devoted to colloid science.

Several displays are given to photochemistry, including a display of cyanine dyes (used in infra-red and other photography) designed by Kodak, Ltd. The development of special glasses for use in chemical work is illustrated by a display by Chance Bros., Ltd., and the chemistry and applications of iodine (a British-

discovered element) are shown in a display by the Iodine Educational Bureau.

The subsection on organic chemistry and biochemistry deals largely with hormones, carcinogenic substances, alkaloids, steroids, vitamins, synthetic drugs and the chemistry of the antibiotics. British work on alkaloids, which is associated closely with the name of Robinson, is illustrated by material from the Wellcome Research Institution, the National Institution for Medical Research and other bodies, arranged by Dr. H. King (who first isolated crystalline *d*-tubocurarine chloride from tube-curare in 1935). The relationship of this alkaloid to bebeerine is also shown. Professor E. C. Dodds has arranged a display illustrating the chemistry of sex hormones and synthetic œstrogens, while other displays in the subsection include illustrations of the synthesis of thyroxine and glutathyrone, vitamin D and other synthetic drugs, and include samples of drugs from May & Baker, Ltd., The British Drug Houses, Ltd., Burroughs Wellcome & Co., Boots Pure Drug Co., Ltd., and Imperial Chemical Industries, Ltd.

A demonstration of particular interest to pharmacists is that showing a suspension of plant virus illuminated by polarised light. When the suspension is disturbed, a streaming effect is seen, indicating the crystalline nature of the virus.

INTERNATIONAL CHEMICAL CONGRESS

The eleventh International Congress of Pure and Applied Chemistry and fourteenth conference of the International Union of Chemistry opened in London on July 17 and terminated on July 24.

THE eleventh International Congress of Pure and Applied Chemistry was formally opened at Central Hall, Westminster, on July 17, by Lord Leverhulme (president). The congress had been held previously in London only once, in 1909. The tenth in the series was held in Rome in 1938.

The opening ceremony was attended by official delegates from some thirty countries. Welcoming them, LORD LEVERHULME said he had recently returned from the eighth International Management Congress in Stockholm, and could appreciate the difficulties of travel which delegates must have experienced. The congress, with representatives of thirty nations congregated for a common purpose, could play a part in fostering international co-operation.

COLONEL M. T. BOGERT (a representative of the American Chemical Society, and president of the International Union of Chemistry) rose formally to open the fourteenth conference of the International Union of Chemistry, held in conjunction with the congress.

PROFESSOR RAYMOND DELABY (Société Chimique de France), speaking in French, acted as spokesman of all the delegates in conveying greetings and congratulations to the Congress and to the conference of the International Union of Chemistry.

THE PRESIDENT read out the text of a message of greetings from the King.

The conferences of the following fourteen sections of the congress were held simultaneously in various rooms of the Imperial College of Science and Technology, South Kensington, July 18-23:—(1) Inorganic and geo-chemistry, (2) physical chemistry, (3) organic chemistry, (4) biochemistry, (5) chemistry in relation to agriculture and applied botany, (6) chemistry in relation to applied zoology and veterinary science, (7) chemistry in relation to food and nutrition, (8) chemistry in relation to medicine and therapeutics, (9) chemistry in relation to fuel, power and transport, (10) chemistry in relation to natural and artificial textiles, (11) chemistry in relation to elastomers, plastics, glass and ceramics, (12) chemistry in relation to metals, (13) chemical engineering, (14) chemistry in relation to essential oils, flavouring materials and cosmetics.

Molecular Structure and Specificity

The first Congress lecture was given at the Royal Institution on July 18 by Professor Linus Pauling, California, U.S.A., who was introduced to his audience of international scientists, among whom were many oriental research workers, by Professor Samuel Sugden, F.R.S. (chairman, congress section of physical chemistry). The theatre, "with its associations with Michael Faraday," as Professor Sugden reminded his hearers, was packed. Visitors numbering "many dozens" were, in fact, turned away.

PROFESSOR PAULING said that, during twenty-five years, scientists had reached solutions of many of the problems of the structure of molecules and the nature of the chemical bond. He had chosen to talk on an unsolved problem: biological specifi-

city, which he defined as the ability of a complex molecule to attract and combine specifically (and preferentially) with another. He was confident that this specificity could be explained in molecular terms. In collaboration he had developed a picture of the nature of native and of denatured proteins. The native proteins, in that picture, consisted of polypeptides linked in a chain that was "folded back and forth" and linked by weak internal forces. The specific properites depended on one configuration of the chain, and in the process of denaturing the protein the configuration was unravelled. Where the configuration of the native was more stable than that of the denatured protein the process was reversible. If the protein was fixed in a configuration that was not the most stable arrangement, the process was not reversible.

Dr. Pauling regarded immunological reactions as equally explicable in terms of molecular structure. The reactions were similar in character to chemical reactions. For example, if egg albumen were injected into the blood of a rabbit, the blood developed the property of forming a precipitate with the albumen. The excess of albumen would redissolve in excess, just as silver cyanide would dissolve in excess, and for the same reason. In both instances the precipitate was due to a "framework or lattice" arrangement of the atoms. Re-solution in excess was due to the saturation of two valencies (both compounds being bivalent). The specificity of the reaction was extremely high—the highest known to the speaker in any type of chemical reaction.

The speaker believed that the immunological reaction was explained solely on the basis of a "complementariness" of the antigen and antibody, the shapes of the molecules coinciding to limits of 1½ Angstrom. In chemistry a similar phenomenon was crystallisation, which occurred when there was a maximum attraction between molecule and molecule of the substance undergoing crystallisation.

Chemistry in Therapeutics

A congress lecture on "The Part of Chemistry in the New Therapeutics" was given by Sir Henry Dale, O.M., G.B.E., M.D., F.R.S., in the lecture theatre of the London School of Hygiene and Tropical Medicine on July 18. The chair was taken by Professor C. R. Harington, M.A., Ph.D., F.R.S., who said that although Sir Henry's life had been devoted to medical research on the physiological side, his work had always had a pronounced chemical flavour.

Sir Henry opened by saying he regarded it as a high honour to have been invited to give the congress lecture in the section devoted to chemistry in relation to medicine and therapeutics. Although he did not pretend to be a chemist, he had had the advantage of working with some distinguished chemist colleagues. He paid a tribute to the late Sir Frederick Gowland Hopkins who had lived into the era when chemistry and biology had begun to show a great community of interest and who had become one of the leading biochemists.

Chemical Approach to Medicine

The conception of a systematic search for chemical remedies to combat the causes of disease was of comparatively recent origin, said Sir Henry; formerly pharmacology had been the study of the effect of drugs on symptoms. Ehrlich had started deliberately to look for chemical remedies for diseases such as malaria, against which the body apparently provided no protection. In 1891 the first trials of methylene blue as an antimalarial had not been entirely successful and had been hampered by the impossibility of continuing protracted experiments on human beings. Many years later mepacrine had been developed after experiments on malaria-like infections in birds. But for the large-scale manufacture of mepacrine by the allies during the war, the capture by the Japanese of the Dutch cinchona plantations might have had disastrous results. Later had come Paludrine, which was remarkably free from toxic effects. Of similar benefit to mankind had been the development of the organic arsenicals in the treatment of syphilis. From Prontosil had been developed sulphanilamide and the whole range of sulphonamides, each with its specific use, at a time when they had changed the whole aspect of the treatment of wounds and campaign infections in the recent war. Most recently of all had come penicillin and other antibiotics. In recent years chemistry had given medicine an almost embarrassing wealth of new drugs — hypnotics, analgesics, anti-spasmodics, anæsthetics. The contribution of chemistry to medicine could perhaps be best appreciated by anyone who had been anæsthetised for a major operation two or three decades ago and again in recent years. Sir Henry hoped that, by such congresses as the one in which he was taking part, future discoveries would be made available to the peoples of the whole world.

CENTENARY BOOKS

British Chemists. — Edited by Alexander Findlay and William Hobson Mills. 8½ in. x 5½ in. Pp. 431. 18s. (12s. 6d. to Fellows). The Chemical Society. "British Chemists" contains short biographies of some sixteen distinguished chemists, all of whom have died since the beginning of the war of 1914-18. Some have been specially written for the occasion; others are based on obituary notices that have appeared in the Society's journal. Together they present an impressive picture of the contributions made to the advancement of chemistry during the past fifty years by Fellows of the Chemical Society. Commencing with Sir William Crookes (1832-1919) who will perhaps be best remembered by pharmacists for his work on glass designed to cut off ultra-violet rays, and for his recognition of the antiseptic value of carbolic acid, and concluding with George Barger (1878-1939), a Hanbury medallist, noted for his studies of alkaloids and of nitrogenous compounds of biological interest, the series includes Sir James Dewar, Henry Edward Armstrong, William Henry Perkin, jun., and his brother Arthur George, Sir Gilbert Morgan, Sir William Pope, Arthur Lapworth (whose first post was as demonstrator in Collie's laboratory at the school of pharmacy, Bloomsbury), Jocelyn Field Thorpe and others. Most of the memoirs conclude with an evaluation of the most important contribution to chemistry made by the subject of the biography.

The Chemical Society, 1841-1941.— Tom Sidney Moore and James Charles Philip. 8½ in. x 5½ in. Pp. 236. 12s. 6d. (7s. 6d. to Fellows). The Chemical Society. Published, like "British Chemists," to coincide with the Centenary celebrations, the 236-page volume recording the achievements, down to 1941, of the Chemical Society (the prototype of similar societies in many overseas countries) remains available for study at leisure when the celebrations are at an end. The two authors (a second took over when the first died after completing four chapters) have presented a record that treats frankly of occasional setbacks as well as of the Society's notable achievements. Itself an offshoot, as has been noted (*C. & D.*, March 8, p. 256) of the Royal Society of Arts, the Chemical Society can claim to have been the parent or midwife of many other outstanding scientific bodies, including the Federal Council for Pure and Applied Chemistry, which represented Great Britain at the Union Internationale de la Chimie Pure et Appliquée, the Association of British Chemical Manufacturers, the Bureau of Abstracts, and even the Department of Scientific and Industrial Research. The Society's close relations in all periods with leaders of science abroad are a continuous thread in the pattern of the narrative, and the details of the establishment of the Society's Faraday and Longstaff medals (which are illustrated in one of the ten art plates) prove that distinguished chemists have not been without honour among their own colleagues in the Chemical Society. Extracts from records of the Society supplement the narrative, completing a volume that is detailed but never dull, exhaustive within its range, yet calculated to excite further studies in the history of chemistry.

A Century of British Chemistry.— F. Sherwood Taylor, M.A., B.Sc., Ph.D. 8¾ in. x 6¼ in. Pp. 40. 1s. 6d. Longmans, Green & Co., Ltd., 43 Albert Drive, London, S.W.19. Within the space of a 40-page brochure, the author (the curator of the Museum of the History of Science, Oxford) outlines compactly the contributions made to organic, inorganic, physical and other branches of chemistry during the past century by British chemists. He mentions in particular the increased activity in Britain during the past thirty years, which has regained for Great Britain, he says, "that eminent position in chemistry . . . . . which in the eighties and nineties of the last century she would seem to have lost." Among outstanding work mentioned is that of Professor C. N. Hinshelwood (president of the Chemical Society) on the kinetics of gas reactions, on chain reactions and explosions; of Sir Robert Robinson (president of the Royal Society, and Faraday lecturer, 1947, to the Chemical Society) on the structure of alkaloids (e.g., the synthesis of tropine), and the colouring matter of plants and, coupled with the names of Gowland Hopkins and Heilbron, on the chemistry and synthesis of vitamins and hormones. Among other productive researches, that of workers on plant-growth-promoting substances and insecticides, and of the Oxford workers on the chemistry of penicillin, receive special mention. In a section on photochemistry, a tribute is made to Mr. C. E. K. Mees, an Englishman attached to the Eastman Kodak Co., whose work has notably advanced film production.

CONGRESS PERSONALITIES

PROFESSOR SELMAN WAKSMAN, the discoverer of streptomycin, and reader of a paper "A Microbiologist Looks at the Soil," was born at Kiev, Russia, but migrated in 1911 to the United States, where he graduated B.Sc. at Rutgers University College in 1915 and M.Sc. the following year. He was appointed research assistant in soil microbiology at the New Jersey Agricultural Experimental Station in 1915 and in 1918 microbiologist at the Station and lecturer in soil microbiology at Rutgers University. He is a member of the National Academy of Sciences of the United States and a corresponding member of the French Academie des Sciences, the Indian Chemical Society and other scientific bodies; and was president of the Society of American Bacteriologists in 1942. In the course of his work on soil microbiology he isolated a number of antibiotic substances, notably actinomycin, clavacin, fumigacin, micromonosporin, streptothricin, grisein and, of course, streptomycin.

PROFESSOR B. C. P. JANSEN (chairman of food and nutrition section) studied at the University of Amsterdam and afterwards served in the Medical Laboratories at Batavia, Dutch East Indies. In 1926 he, with Donath, crystallised vitamin B_1.

PROFESSOR L. SEEKLES (chairman of the veterinary science section of the international chemical congress) was born in Holland in 1897, and educated at Leyden University, and he is now Dean of th Faculty for Veterinary Medicine, Univer sity of Utrecht.

PROFESSOR PAUL KARRER (chairman c the organic chemistry section, and a con gress lecturer) has studied at Zurich and i Frankfurt. His researches include studie on the sugars and other polysaccharide glycosides, tannins, lecithins and antho cyanins, and in 1937 he was awarded a hal share in the Nobel prize for "his investiga tions of carotenoids and flavins and for hi research on vitamins A and B_2."

MR. GEORGE MALCOLM DYSON, M.A. F.R.I.C., M.I.Chem.E., F.Inst.Pet., who de livered a paper before the organic chemistr section of the International Congress on hi system of chemical notation (see *C. & D.* January 18, p. 90), is technical director of group of chemical concerns including Gena tosan, Ltd., Pierson, Morrell & Co., Gena ben, Ltd., etc. He has carried out researche on medicinal chemicals (antimonials, try panocidal ureas and other chemotherapeuti agents). Mr. Dyson is a member of th Chemical Council and president of th Commission on ciphering, notation, etc., o the International Union of Chemistry.

PROFESSOR LINUS PAULING (chairmar of the physical chemistry section, and con gress lecturer on "Molecular Structure anc Biological Specificity") studied at th Oregon State College, U.S.A., Munich Zurich and Copenhagen, and was late appointed assistant Professor of chemistry California Institute of Technology. Th degrees of Sc.D. have been conferred on him by the Oregon State College, University of Chicago and the Princeton University, and among the honours he has received are the Langmuir Prize 1931, William H. Nichols Medal 1941 and Willard Gibbs Medal 1946. His publications cover a wide field of chemistry.

INTERNATIONAL SCIENTISTS' WORKS VISIT. — Over 100 delegates, in London for Chemical Society's Centenary, photographed during a tour of the London works of the British Drug Houses, Ltd., on July 16. Operations seen by the visitors included manufacture of pure vitamins, vitamin concentrates, liver preparations, synthetic œstrogens, etc. Subsequently the delegates took lunch at the Café Royal at the invitation of the directors. Notable visitors present included Professor W. H. Mills (a past-president, Chemical Society); Dr. H. H. Hatt, Australia; Dr. V. C. Barry and Professor T. S. Wheeler, Eire; Dr. and Mrs. Krishna, India; Professor R. Delaby, France; Dr. and Mrs. H. G. H. Erdtman, Sweden; and Professor O. Achmatowicz, Poland. Professor W. H. Mills thanked the directors for their hospitality, and Mr. F. C. Oscar Shaw (managing director of the company) replied.

SAYINGS OF THE WEEK

"One can only hope that the whips of commercial secrecy will not be succeeded by the scorpions of military security."—*Professor C. N. Hinshelwood.*

"The action of the sulphonamides is not to kill bacteria; their function is rather contraceptive, inhibiting their powers of reproduction."—*Sir Henry Dale.*

"Chemists will derive inspiration from the contacts they make at the conference and become united by a chemical bond—an unsaturated chemical bond; it is unsaturation that moves the world."—*Colonel M. T. Bogert.*

"Many of the societies which are today congratulating the Chemical Society are themselves offspring of the Society . . . but the analogy must not be carried too far, as some of the offspring might appear to have had more than one father."—*Sir Robert Robinson.*

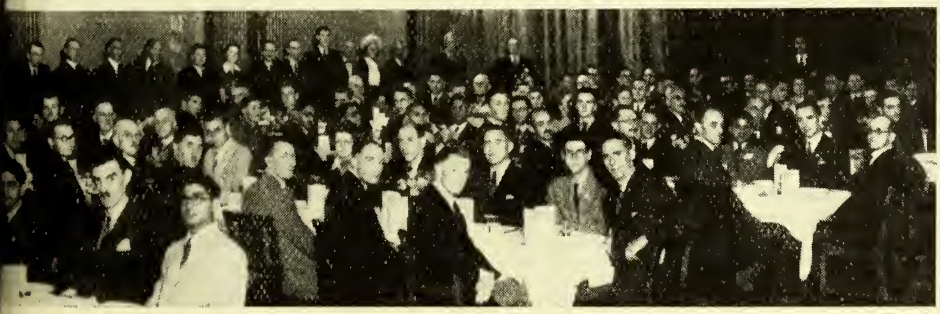
"The secret of being a bore is to tell everything."—*Professor Linus Pauling, quoting Voltaire.*

FIFTY YEARS OF CASTNER-KELLNER

THE jubilee of The Castner-Kellner Company (now a subsidiary of the Imperial Chemical Industries, Ltd.) was celebrated at a dinner held in London on July 10. Proposing a toast to the company, SIR STAFFORD CRIPPS (President of the Board of Trade) described the history of the company from the time when Hamilton Young Castner, an American chemist interested in the production of aluminium, came to England in 1886 after he had failed to obtain support for his ideas in America.

At that time the sole process available for producing aluminium entailed the reduction of aluminium chloride with metallic sodium, but the high cost of sodium was proving prohibitive. Castner developed a method of producing sodium cheaply by the reduction of caustic soda with carbon, and the Aluminium Company was formed to exploit the cheap sodium in the extraction of aluminium. In 1899, however, a new electrolytic process for aluminium was patented in the United States and France, and Castner could no longer sell his aluminium at a competitive price. Instead he turned to the development of sodium compounds. In 1890 he evolved a process for obtaining sodium by the electrolysis of molten caustic soda, and later invented his mercury cell for the production of sodium hydroxide. In the cell, sodium, released by electrolysis of a solution of sodium chloride, formed an amalgam with a mercury cathode. The amalgam was then circulated to another part of the cell where the sodium reacted with water to form the hydroxide. The first battery of cells was erected at Oldbury in 1894. In Germany patents conflicting with Castner's had already been filed by a Viennese, Carl Kellner, and as the result of an agreement between Castner and Solvay & Co., Brussels, the Castner-Kellner Alkali Company was launched in 1895.

The new company's first factory was built at Weston Point, Cheshire, drawing its supplies of brine from a reservoir at Runcorn. Castner died, aged only forty-one, in 1899 and Mr. A. T. Smith was appointed general superintendent of the company. The Aluminium Company later went into liquidation and was absorbed by the Castner-Kellner Alkali Company. The sodium plant was transferred to Weston Point and, in 1906, to Newcastle-on-Tyne.



PHARMACEUTICAL COMMITTEES' CONFERENCE

A CONFERENCE of representatives of Pharmaceutical Committees was held in London on July 17. The chairman (Mr. G. H. M. Graham) formally moved the adoption of standing orders.

MR. WEISS, Middlesex, suggested that a little more licence should be extended to delegates, and that the Executive should have some limitation on its power. At the previous conference, he said, the secretary had been on his feet for thirty-five minutes.

MR. CHALLINOR, West Riding, thought the suggestion an insult to the chair.

Adoption of standing orders was carried *nem con.*

THE CHAIRMAN, after referring to the loss sustained by the death of Mr. Moreton Parry, Liverpool, said it was only fifty days since the previous conference. On the present occasion there were more Pharmaceutical Committees represented, indicating the keen interest taken in the matter. Delegates would have read the memorandum on the position of contractors. The first business was to consider the resolution adopted by the conference on April 9, 1946, and to decide whether the conference desired to reserve liberty of action in regard to the terms and conditions of the chemists' contract.

Liberty of Action

MR. MALLINSON, asked for elucidation on the matter, said the point was whether they, as representing the contractors, desired to reserve liberty of action in regard to the terms and conditions of the contract.

MR. TIBBITT, Surrey: I understand that the conference of representatives in April 1946 passed two resolutions: one which set up the constitution of a Joint Committee and the second an instruction to the Joint Committee to set up a Negotiating Committee with a preponderance of contractors, which we understood at that time to be the committee which would negotiate with the Minister on terms for contractors. We also understood it would be a subcommittee of the Joint Committee. Are we here today to confirm those two resolutions? If so, why do we want reservation of any liberty of action in today's conference?

MR. MALLINSON: You will remember that the conference approved a new constitution for the Joint Committee. The previous Joint Committee had been one which included only the Pharmaceutical Society, National Pharmaceutical Union representatives and the Standing Committee for Scotland. After that committee had been established, additions had been made to it, and various other organisations had been brought in. The conference on April 9, 1946, had been asked to approve the enlarged Joint Committee. The idea of that second resolution was to substitute a smaller body for what was obviously a very large body to negotiate with the Minister before and during the passage of the Bill through the House. My recollection is that it was not authorised at that stage to do anything in the way of other negotiating at all, and indeed the first resolution points to this because it says: " That this conference accepts the authority of the Joint Committee on a National Pharmaceutical Service as reconstituted to act as the central body to co-ordinate the view of pharmacy. . . ." That was the purpose of the original resolution. The Negotiating Committee was to deal with any negotiations that might be necessary whilst the Bill was passing through the House. We are asking you now whether you want to avail yourselves of this last opportunity to reserve liberty of action on a matter vitally affecting your interests. That is a clear issue in my view.

MR. HUDSON, Burnley, formally seconded the resolution.

MR. HUMPHREYS, Liverpool: I was at the last conference of Pharmaceutical Committees. May I ask if it is a fact that when the N.P.U. Executive went to interview the Ministry for the 30 per cent. increase. Mr. Tristram was not asked to go to the negotiations?

MR. MALLINSON: I cannot remember the incident to which Mr. Humphreys refers. What I do remember is that when we were going to negotiate that increase the N.P.U. Executive appointed the people to go. They did not want any confusion between the Central N.H.I. Committee and the Joint Committee on the new service.

N.H.I. and N.H.S.

MR. TRISTRAM said that it was Mr. Mallinson who made the suggestion that it would be wiser not to have any confusion between N.H.I. and N.H.S.

MR. CHECKLEY, Eastbourne, asked whether members had any assurance that every resolution they passed that day would be acceptable to other bodies.

MR. HUGHES, Carnarvonshire, said it appeared to him that they had reached a stage at which they were going to re-

ject whatever had gone before. He urged that the resolution should be put.

MR. PRESTON, Loughborough: We have a glorious opportunity here and we have got to reserve liberty of action.

Appeal for Unity

MR. MURPHY, Liverpool: I have been waiting patiently this morning for someone in authority, somebody on the platform, to give some reason why it is necessary at this juncture to break away from the leadership of the Joint Committee. I have got the idea from what has been said that what I am going to say now will not be popular. From the inception of the new Act, all negotiations have been conducted under the guidance of the Joint Committee. I am a member of the N.P.U., and I hope I am a loyal member, but the N.P.U. is not the only organisation which is interested in the contractual terms, and the argument that you would not offer your income tax forms to your assistant to sign has no significance. I am appealing to the N.P.U. to keep the unity which has done much for us under the Act. I would like to move an amendment: "That this conference expresses its confidence in the Joint Committee and is of the opinion that contracting terms shall be done by a subcommittee of the Joint Committee."

MR. J. A. STEWART, Middlesex, seconded the amendment.

MR. TWISS, Warrington, said he had been sent to appeal to the meeting to think again before they divided pharmacy into two camps.

MR. COOPER, Bristol, said that if the N.P.U. were the negotiating committee for terms they must work in co-operation with the company chemists. MR. EVANS, Cardiff, asked if it were the intention to form another committee to negotiate with the Minister.

MR. MALLINSON: This discussion has taken a turn which has rather surprised me. The Joint Committee has not been indulging in extensive negotiations with the Ministry. It has met the Ministry twice. Once before the Bill and again, recently, a deputation from the Joint Committee met officials of the Ministry. So far as the standing of the Joint Committee is concerned, naturally as a Joint Committee approaching the Ministry it is acceptable, but the standing of the N.P.U. Central N.H.I. Committee has always been equally high with the Ministry. The Joint Committee has not been doing anything very extensive in the way of negotiations.

Dealing with the points made, MR. MALLINSON said: Unity is asked for in pharmacy. Nobody wants it more than I do. I want unity amongst the contractors. In regard to others that are supposed to be interested in our contract, who are they? The hospital people are not. In a way the employees' representatives are, but they are covered in so far as they are interested in what you receive for your work. They have their machinery in the Joint Industrial Council for Retail Pharmacy for putting forward any claims that they have to make in regard to their position. The Executive know that it is wise to have the companies with us in negotiations. The companies have on more than one occasion backed us up and I am not prepared myself to be associated with negotiations that leave them out. All we ask of the Joint Committee is that, when it comes to dealing with terms and conditions of the contract, it should be a matter in which contractors have the final say, and if you want help, it should be open for you to go and get that help wherever you could get it. We are forced, therefore, to put the issue to you: Do you or do you not desire to reverse the position you have held for the past thirty years of deciding your own prospects in regard to the contract? That is the plain issue. My Executive will accept it if that is your decision. We give you an undertaking that in negotiating with the Ministry, before any bargain is concluded, it will be brought back to you in conference here to be finally approved.

MISS PERKINS, Leicester, thought that the Central N.H.I. Committee was the organisation to which to appeal.

Original Resolution Carried

The original resolution was put to the meeting and carried by a vote of over 200 with fifteen against, after THE CHAIRMAN had pointed out that the subject matter of the amendment was dealt with later in the agenda.

The resolution adopted at the Pharmaceutical Committees' conference on May 28 was then discussed.

MR. WEISS, Middlesex, said that owing to the bad representation at the conference of May 28, the resolution should be rescinded. MR. PRESTON, Loughborough, the proposer of the original resolution, again proposed it. MR. APPLEBY, Nottingham, seconded. MR. MALLINSON said that at the original conference from which the Joint Committee had obtained what authority it had, the Pharmaceutical Committee

representation was exactly like that of the conference of May 14.

MR. MURPHY, Liverpool, moved an amendment "That this conference expresses its confidence in the Joint Committee and is desirous that negotiations for the new contract under the Act shall be done by a subcommittee of the Joint Committee." MR. J. ANDERSON STEWART, Middlesex, seconded, asking if the negotiations could be divided into two parts, financial terms and conditions of contract. The conditions of service vitally affected employees. The amendment was lost with seventeen votes for and over 200 against.

MR. GUNN, Birmingham, suggested the following amendment: "After the words 'with full executive powers' add 'and with power to co-opt.'" MR. MARTIN, Birmingham, seconded. The door at least ought to be left ajar, he said, in order that employee or other representation could be introduced if necessary. MR. PRESTON said that he and his seconder would be prepared to include the words "with power to co-opt." MR. SAXTON, Derbyshire, moved an amendment to delete the words "with full executive powers" and to alter "terms of contract" to "terms of remuneration under the contract." MR. WELLS, Middlesex, seconded. The amendment was lost with fifteen votes in favour, and over 200 against.

The original resolution with amendment admitted by the proposer was then put: "That the Joint Contractors' Committee of the N.P.U., with full executive powers and with power to co-opt, be authorised to be the negotiating body for the terms of the contract on the understanding that the Joint Contractors' Committee will co-operate with the Joint Committee on all aspects of the National Health Service and will keep the Joint Committee informed of the progress of negotiations."

The resolution was carried by over 200 votes to fifteen and the conference proceeded to consider whether it desired the N.P.U. representatives to remain in the Joint Committee.

MR. MALLINSON: In regard to item 5, the Joint Committee is meeting to-morrow and we do not want you to think that this item was put in here with any desire that we as your representatives should fall out of the Joint Committee, but we do want the position clarified, and I would suggest this, that the letter sent by the N.P.U. to the Joint Committee should be sent from that conference, with slight modifications, which I will get Mr. Noble to read.

MR. NOBLE: In its changed form the letter would go to the Joint Committee as follows:—

The conference of representatives of Pharmaceutical Committees, meeting in London today, has considered the invitation which was extended to the N.P.U. and to the Company Chemists' Association and the Co-operative Parliamentary Congress Committee to consider the formation of a Joint Contractors' Committee with the responsibility of negotiating, as a subcommittee of the Joint Committee, the terms of remuneration in the new Health Service.

Whilst welcoming the spirit which animated the Joint Committee in extending this invitation, the conference view is that they are unable to reconcile the proposal that the Joint Contractors' Committee should be a subcommittee of the Joint Committee with their claim that the interest of the contractors makes it a matter of vital importance that the body negotiating for contractors should consist of representatives of contractors only (except in so far as the contractor representatives themselves consider a widened representation to be advantageous) with full executive powers.

Accordingly the view of the conference is that acceptance of the invitation from the Joint Committee should be qualified to the extent that the Joint Contractors' Committee must be recognised to have full executive authority. On that basis the conference is of opinion that the offer from the Joint Contractors' Committee to co-operate fully with the Joint Committee in all aspects of National Health Service matter and to keep the Joint Committee fully informed in the course of negotiations should be accepted.

The conference is of opinion that the position which they envisage is one which (whilst reserving to the contractors the right which they clearly have to deal themselves with their own business), is compatible with the continuance of the Joint Committee as the forum for the discussion of all general matters arising in connection with the National Health Service and for the integration of sectional interests wherever possble.

New Basis for Negotiations

MR. TRISTRAM: I do not really know what I can say which could be helpful in this particular resolution. It will be my job to try to hold the Joint Committee together, but I have got to put to you, if you want me to speak, the view of the members of the Joint Committee. It has been stated today that the Negotiating Committee which you set up in April 1946 was not the committee to negotiate the contract. Places were there for the multiples. The first job this committee did was to consider the remuneration. It considered how we could get away from our present basis of payment and get a new basis for our negotiations with the Minister, and, therefore, we consulted an expert and we told him we wanted to find out what was the value of the pharmacist to the community and

also what was the cost of dispensing a prescription in the chemist's shop. If you like today to say that because the multiples have not come in you are going to change, then do so. The view of the Negotiating Committee and the majority on the Joint Committee is that it was a committee to discuss remuneration. The multiples have not come in and so the N.P.U. prefers to think it more advisable to work with the multiples. There has been no question of wanting to take rights from the N.P.U. They regard it as an N.P.U. job. The Pharmaceutical Society should have issued an invitation to the multiples long ago. I shall do my best to keep the Joint Committee together tomorrow, but I would not be surprised if they felt that they had a certain amount of grievance.

MR. MALLINSON: You all know what that conference was in April. The expert was called in to see if he could find a way of arriving at the value of a pharmacist as such, not with reference to your particular contract but with regard to general pharmaceutical services. He compared our calling with others, but the result of his report was negative and, naturally, the next thing was, what is the value of a pharmacist in a pharmacy? The N.P.U. is footing half the bill for that somewhat extravagant inquiry. The bill is about £1,000 already. The Negotiating Committee was not given the job of looking into the terms of remuneration for you, it was given the job of estimating the value of a pharmacist wherever he was employed as compared with other callings.

Motion Carried

THE CHAIRMAN: I am going to ask you to vote on whether that letter shall be sent from this Conference.

The motion was carried with over 200 in favour, and two against.

THE CHAIRMAN: On receipt by the Joint Committee of that letter, the Joint Committee have two alternatives:—Either they can accept it or they can refuse to accept it. If they accept it that is all right. If they refuse to accept it, then where do we stand? I would suggest that, if the letter is not accepted, the N.P.U. representatives just stay in the Joint Committee.

THE CHAIRMAN: I think I can safely speak for the members of the Executive that there is no intention on the part of the N.P.U. to walk out of the Joint Committee.

The meeting closed with Middlesex representative proposing a vote of thanks to the chairman.

CORRESPONDENCE

Compensation for War-damaged Property

SIR,—Your leading article (*C. & D.*, July 12, p. 50) refers to a very important decision recently given by the Court of Appeal, to the effect that a claimant was entitled to claim from the War Damage Commission 100 per cent. of the cost of reinstatement in a War Damaged cost-of-works payment case, although his property was in a bad state at the time it suffered war damage. It is not mentioned in your leader, but owners should know that leave to appeal to the House of Lords was asked for by the Commission in this case (Brigadier D. A. G. Browne v. War Damage Commission) and that such leave was granted after counsel for the Commission had indicated that the Commission would pay the cost of the appeal in any case. The appeal to the House of Lords by the Commission is proceeding, but has not yet been heard. Meantime any precipitate action by owners should in their own interests be avoided.

Hove. ROBERT W. LINDSEY.

Reports of Council Meetings

SIR, — Allow me to endorse the plea of Mr. B. A. Williams (*C. & D.*, July 19, p. 86) for more publicity, instead of less, for the proceedings of the Pharmaceutical Society's Council. From time to time this matter has been raised in your columns. Looking through one of your old issues I find this remark in "Observations and Reflections" about an item in your report of a Council meeting: "This is one of the tit-bits from your 'items from private meeting,' and it would appear that most of the business of importance was discussed by the Council at the private meeting in question. When will those in control . . . realise that scrappy reports of this kind go far to nullify the good effect of what councillors tell us at branch and association meetings about the vast importance of the varied matters they have had to deal with?" And now it is proposed to go a step further and ban all independent reports of Council meetings. If this stupid proposal is adopted, the battle for admission of the Press to these meetings will have to be fought over again. Your account of what happened in the 'seventies and 'eighties should serve as a warning of what may happen once more.

KALAMOS.

OVERSEAS TRADE NEWS

German Chemical Exports. — Fine chemical and pharmaceutical exports are expected to start soon from the British and American occupation zones of Germany.

Essential Oils Production in Spain.—Production of orange, eucalyptus and other essential oils in Spain is now back to the pre-war levels, well-informed sources in Madrid report. Foreign demand for these products is said to be excellent.

U.S. to Trade Soya Bean for Olive Oil.—The U.S. Department of Agriculture announces that an equivalent quantity of soya bean oil will be allocated for export to all foreign countries which ship olive oil for arrival in the United States from August 1, 1947, to February 29, 1948.

Retail Trade in West Africa.—Retail trade in Southern Nigeria during June was active but somewhat quieter conditions prevailed in the north. The position on the Gold Coast is fairly satisfactory, with reasonably good supplies available of perfumery and chemists' sundries.

Japanese Products for U.S.—A number of Japanese products, due to arrive in New York during June, were put up for sale recently by the U.S. Commercial Co., states an American press report. They included 500 bales of agar (graded as Kobe Strip No. 1, f.a.q.), 200 cases of vegetable wax and fifty drums of safrol.

Aid for China's Drug Industry.—China is to get raw materials and equipment, to the value of $3,000,000, to develop her drug industry. The supplies will be provided through U.N.R.R.A. and will be divided among nine laboratories now producing pharmaceutical and biological products.

Indian Licences Hit France. — French trade with India will be seriously affected by a new Indian import licence system which came into force recently. French exports to India have included perfumes and other luxury goods, and it is feared here that the arrangements will make further shipments impossible.

Argentine Quebracho Market. — In spite of repeated requests by exporters, the Buenos Aires Institute has not yet issued any export quotas for quebracho extract to individual exporters. Sales are at a standstill, and warehouses are overflowing. The packing materials supply situation is deteriorating, and no Indian sacking is arriving, a situation complicated by the fact that the Government has declared itself the sol importer of packing materials.

U.S. Controls. — The United State House of Representatives, and the Senate have approved and sent to the Presiden legislation authorising the continuation o war-time allocation and export-import con trols on a limited number of commoditie still in short supply in the United States including tin, antimony, quinine, fats anc oils, nitrogenous fertilisers, etc.

High Costs of French Perfumery Exports.—Perfumery exports of a leading French firm of perfume manufacturer have decreased considerably this year as a result of high production costs. Unless Grasse horticulturists find a way of substantially reducing their sales prices, it is improbable that French perfumery prices will decline and exports are unlikely to regain their 1946 level during the remainder of 1947.

Poland to Import Medicines. — The Polish Ministry of Health recently concluded an agreement with a Swiss firm for the purchase of chemical products and medicines to the value of 4,000,000 Swiss francs. In the near future Poland is to buy medicines to the value of 4,000,000 crowns from Sweden and from England to the value of £1,000,000. The two latter transactions will be concluded on the arrival of Polish experts in England and Sweden.

Swedish Foreign Trade. — Swedish foreign trade continued to increase during May, both for imports and exports. Imports, which showed the greatest increase, rose by 29.5 per cent., their value being Kr. 460.2 millions, against Kr. 355.51 millions in April. Exports in May had a value of Kr. 250.8 millions, 14.1 per cent. higher than the April figure of Kr. 219.78 millions. The import surplus for May totalled Kr. 209.35 millions, against Kr. 135.73 millions for April. During the first five months of the year, imports had a total value of Kr. 1.799.78 millions, against Kr. 1,199.04 millions during the same period of 1946; for exports the figures were Kr. 950.99 millions and Kr. 948.07 millions, respectively. The import surplus during this period amounted to Kr. 848.86 millions, against Kr. 250.97 millions last year. Imports of chemical products remained at the same level as in 1946.

TRADE REPORT

Spot quotations for pharmaceutical chemicals represent the prices for wholesale quantities of standard quality. Prices of crude drugs and essential oils vary as to brand or grade.

28 Essex Street, W.C.2, July 23

BUSINESS in the PHARMACEUTICAL CHEMICALS market has been on a routine scale with a good inquiry for a fair number of products in short supply. Prices generally are maintained at previously quoted levels. ACETANILIDE is very firm and supplies are very low. Supplies of BENZOIC ACID, on the other hand, are improving and there is a similar favourable report for SODIUM BENZOATE; production of both these chemicals is, however, still below demand.

Crude Drugs

The summer lull in market activity continues with quotations for CRUDE DRUGS very little changed from the previous week. Business has been hand to mouth and has been usually for small quantities. In many instances sellers are open to receive bids as they are anxious to move their stocks. There has been some slight shading of prices of other commodities. CAMPHOR remains firm and recent cables from China report higher shipment quotations. Prices at origin for new-crop CASCARA SAGRADA continue to rise. Zanzibar CLOVES are fractionally easier on the spot. IPECACUANHA is firmer at origin and shipment offers are few; spot quotations are not yet affected. Anatolian LIQUORICE ROOT is easier. Forward values for Brazil MENTHOL are higher; there was a fair-sized arrival at Manchester recently and spot prices are unchanged. Chinese MENTHOL is very firm. QUILLAIA bark can be bought at lower prices. RHUBARB is a steady market. SHELLAC is easier; F.O.T.N., pure, is at 260s. per cwt., spot.

Essential and Expressed Oils

A fair business has been passing in ESSENTIAL OILS during the past week. Prices, with few exceptions, are as previously quoted. BITTER ALMOND, to come forward in a few weeks' time, is quoted at prices from 25s. to 27s. 6d. per lb. LEMONGRASS continues easy on the spot. Two more oils have been removed from the scheme of distribution of the Essential Oils Control—they are ANISEED and CINNAMON BARK. It is understood that there are fair stocks of the former oil in this country and that several firms hold supplies at near Continental ports. Prices are expected to be higher when these supplies come forward. Quotations at origin are about 3s. 9d. to 4s. per lb., c.i.f.

The Minister of Food announces that no changes will be made in the prices of refined oils and imported edible animal fats allocated to primary wholesalers and large trade users during the eight-week period July 20 to September 13.

U.S. Drug and Chemical Report

New York, July 18

SHORTAGES of ACETONE, ALCOHOLS, GLYCERIN and other basic chemicals are expected to continue for several years in the United States, because demand is increasing more rapidly than production capacity. ALKALIS are still in a tight supply position although prices on the resale market have declined considerably from the high levels which prevailed earlier this year. Powdered SYNTHETIC CAMPHOR is now freely available and dealers are offering material at prices up to 90 cents per lb. compared with well over $1 in the early months of 1947. Increased prices are expected to be announced for PHENOLPHTHALEIN, BARBITURATES, CREOSOTE and other coal chemicals derivatives. SOLVENTS may also be advanced because of expected increases in container costs and freight rates.

The U.S. imported 749,179 lb. of COD-LIVER OIL in February compared with 581,027 lb. in the previous month. The demand is seasonally quiet.

The present period of inactivity on the CRUDE DRUGS market is expected to come to an end within three months when it is thought that buyers who have been holding off in anticipation of lower prices, will be forced to re-enter the market for their winter requirements. MENTHOL is now being offered here at around $8.30 per lb. while, according to some reports, $8.10 might be done on a large order; dealers were asking $8.45 a week or so ago. A reversal of the easier situation is expected later this year, however, when demand seasonally advances. A poor crop in Brazil will limit supplies from that source, while little material is thought to be still available in China and shipments from Japan when private trading is resumed next month, will not arrive before November. Quotations on Indian PSYLLIUM SEED husks have been advanced considerably, and little forward business is being placed for PAPAIN because of high prices quoted in the African market. Among other items, the Food and Drug Administration detained 325 chests of Papain last week. Chinese RHUBARB ROOT is now available at 80 to 85 cents per lb. compared with 90 cents upwards a week or so ago.

Price movements on the ESSENTIAL OILS market are still generally in favour of buyers. Distillation of LIME OIL will be cut down in Mexico if the present downward price tendency does not soon come to a halt. There has been a better demand for essential oils from beverage and confectionery manufacturers of late, but perfumers' orders continue on a very limited scale.

Pharmaceutical Chemicals

BROMIDES.—Recently increased rates per lb. for POTASSIUM, in quantities of 28 lb. to 1 cwt. (containers in brackets), are as follows: 3s. 5½d. (1-lb.), 3s. 4½d. (2-lb.), 3s. 4d. (4-lb.), 3s. 3d. (7-lb.), 3s. 2½d. (14-lb.), 3s. 1½d. (28-lb.). In bulk, 1 cwt. is quoted at 2s. 7d. per lb. and 5 cwt. at 2s. 6d. Powder is 2d. per lb. extra. SODIUM is 1½d. per lb. less than above rates; AMMONIUM is ½d. per lb. more than above rates. Terms are net; carriage paid on 1-cwt. lots in U.K. Prices and conditions apply to trade in Eire on usual carriage paid terms, duty and marine war risk insurance for buyer's account.

BUTYL CHLORAL HYDRATE.—Current prices are from 17s. 6d. per lb. upwards.

CAFFEINE.—In short supply. Makers' prices per lb. are as follows: ALKALOID, anhydrous, from 41s. 6d. to 45s. 6d. and B.P., from 39s. 6d. to 43s. 6d., according to quantity; CITRATE, from 24s. 6d. to 28s. 6d.; SODIUM BENZOATE, from 24s. to 28s.; SODIUM SALICYLATE, from 24s. 9d. to 28s. 9d.; SODIUM IODIDE, from 29s. to 32s.

CHLOROCRESOL.—In good demand. Quotations are at from 4s. to 4s. 6d. per lb.

CITRATES.—Makers' prices are steady. POTASSIUM, in quantities of 28 lb.-1 cwt., is quoted per lb. as follows (containers in brackets): 3s. 8½d. (1-lb.); 3s. 7d. (4-lb.); 3s. 6d. (7-lb.); 3s. 5½d. (14-lb.); 3s. 4½d. (28-lb.). FERRI ET AMMON. CIT., B.P., 4d. per lb. above. SODIUM, B.P., 3d. per lb. below; POWDER, 1d. per lb. extra.

DIGITOXIN.—Current quotations are in the region of 170s. per gm.

GUAIACOLS.—Supplies are rather short. Liquid is quoted at 14s. 6d. to 16s. per lb.; crystal and carbonate, 14s. to 15s. per lb., according to quantity.

HYOSCINE HYDROBROMIDE. — Makers' quotations are from 147s. 6d. to 150s. per oz., according to quantity.

MANDELIC ACID.—Current prices are as follows: 1 lb., 22s. per lb.; 4 lb., 20s. 3d.; 7 lb., 18s. 6d.; 14 lb., 16s. 9d.; 28 lb., 15s.

METHYL SALICYLATE.—Current rates are as follows: Winchester quarts, 2s. 2½d. per lb.; 56 lb., in demijohns, 2s. 1d.; 1 cwt., in demijohns or carboys, 2s. 0½d.; 5 cwt., 2s. All prices are net. Deliveries are restricted, mainly owing to shortages of containers.

METHYLTHIONINE CHLORIDE.—Quotations are from 8s. 6d. to 10s. per lb., according to quantity.

METOL.—Bulk prices (net) per lb. are 17s. 6d. for 28-lb. lots and 16s. 6d. for 1-cwt. lots; other quantities in proportion. Packages free. Contracts: Minimum 5 cwt. over twelve months.

PIPERAZINE.—Current prices are from 4s. 6d. per oz., according to quantity.

TANNIC ACID.—In very short supply, B.P. levis, ex ether, from 10s. 6d. per lb., according to quantity.

Crude Drugs

ALOES.—Spot quotations for Curaçao, in boxes, are from 235s. per cwt.; forward quotations are from 215s. to 220s., c.i.f. Socotrine, steady on the spot, at 156s. to 190s. per cwt., according to quality. Cape, in boxes, for shipment, is quoted at 160s. to 165s., c.i.f. Some sellers are asking 195s., spot, for material in boxes, but there are buyers at 175s. to 180s. Somewhat lower prices are asked for this variety packed in drums.

ANISE (STAR).—Steady. Spot supplies are available at 140s. per cwt.; forward quotation is unchanged at 95s., c.i.f.

BALSAMS.—*Canada*, spot, rather scarce, at 15s. per lb.; Parà *Copaiba*, spot, quoted at 8s. for soluble, and 7s. 3d. for insoluble. *Peru* remains easy at 7s. 3d. per lb., duty paid. *Tolu*, unchanged at 18s. per lb., spot.

BAY LEAVES.—Leaves without stems are offered on the spot at 95s. per cwt.

BELLADONNA.—Spot. Root with a test of 0.515 alkaloids is offered at 6s. per lb.; English herb (cut) is available at 6s. 6d. per lb.

BENZOIN.—Sumatra, in fair supply, is available on the spot at from £17 10s. to £22 per cwt., according to quality.

BUCHU.—New-crop short rounds, steady at 4s. 3d. per lb., spot; shipment, 4s., c.i.f.

CALABAR BEANS.—Quotations are unchanged at 10½d. per lb., ex warehouse Liverpool.

CAMPHOR.—Firm. Chinese tablets (¼-oz.), quoted at 11s. 3d. to 11s. 6d. per lb., spot; refined powder (B.P.), 11s.; Formosa (B.B.), 10s. 3d.; 2½-lb. slabs, afloat, quoted at 10s. 6d. per lb., landed, duty paid. Chinese crude, 93-95 per cent., 7s. per lb. Shipment quotations from China are higher.

CANTHARIDES.—Supplies on the spot are low; quotations are at 15s. per lb.

CAPSICUMS.—East African, steady at 120s. to 140s. per cwt., according to quality.

CARDAMOMS. — Quiet and steady, with prices from the source showing a tendency to harden. Mangalore, half-bleached, A's, are quoted at 8s. 9d. per lb.; B's, 8s. 3d. per lb.; seeds, 7s. 9d., spot. Aleppy seeds, No. 1, is at 8s. per lb.; Aleppy greens, 7s. per lb., spot.

CASCARA SAGRADA.—1946 peel on the spot is quoted at around 250s. per cwt., duty paid. American new-crop is firmer and prices at origin are about 220s., c.i.f. In London, new-crop is offered at 215s., landed, duty paid.

CASCARILLA.—Only a small inquiry has been noted; quills are quoted at 1s. 10d. per lb. and siftings at 1s. 6d.

CASSIA PODS (*C. fistula*).—East Indian, quoted at 75s. to 80s. per cwt., ex wharf.

CHAULMOOGRA. — In limited demand. *Hydnocarpus* is available at 1s. 11d. per lb., in tins in cases.

CHILLIES.—Quiet. Mombasa, quoted at 165s. per cwt., spot; Nigerian, 130s., spot; Japanese-type, 190s. to 200s.

CLOVES.—Zanzibar, quoted at 9½d. per lb., spot. Penang, offered at 3s. to 3s. 6d. per lb.

COCHINEAL. — Silver greys, quoted at 4s. 3d. to 4s. 6d. per lb., spot; blacks, 5s. 6d. per lb.

COLOCYNTH.—Quiet. Spot, fine-white is offered at 2s. and medium-white at 1s. 10½d. per lb.

DIGITALIS.—Portuguese is steady at 130s. per cwt., spot; English-grown, 2s. 6d. per lb.

DRAGONS BLOOD.—A parcel of Singapore lump is being offered at 1,700s. per cwt., ex warehouse; a similar quantity of second grade lump is available at 1,300s.

ERGOT.—Spot, quoted at 4s. 9d. to 5s. per lb.; forward, 4s. 6d., c.i.f.

EUPHORBIUM. — Firm; spot quotations are in the region of 85s. to 90s. per cwt.

GAMBOGE.—Siam pipe, now landing, is quoted at £60 per cwt., landed, duty paid.

GENTIAN.—French natural root, on the spot, is quoted at 100s. per cwt.; cut, 130s. per cwt.

GINGER.—Jamaican is easier with prices for No. 1 from 110s. per cwt., spot. No. 2 is quoted at 100s. to 105s.; No. 3, 90s. to 95s. Sierra Leone, on the spot, is at 65s. per cwt.

GUAIACUM RESIN.—Lump is offered at 2s. 9d. per lb., ex warehouse London.

GUM ACACIA.—Quotations for Kordofan cleaned sorts are at 72s. 6d. per cwt., ex store; shipment 65s., c.i.f. Bleached No. 1 is quoted at 145s., ex store, and Talha at 40s. per cwt., spot; forward, 37s. 6d., c.i.f.

GUM MASTIC.—No. 1 is offered at 15s. per lb., duty paid.

HENBANE.—Fair-testing grade is available in London at 4s. 6d. per lb.

HENNA.—Egyptian leaves are offered at 135s. per cwt., ex warehouse.

HYDRASTIS.—Firm. Spot quotations are at around 60s. per lb.

IPECACUANHA.—The market has been quiet. Nicaraguan root is firm at 26s. to 27s. per lb., according to holder; shipment is at 22s. 6d., c.i.f., for Nicaraguan root and 21s. 6d., c.i.f., for Colombian.

JALAP.—Vera Cruz, offered at prices from 2s. 3d. to 4s. per lb., according to test.

JUNIPER.—Italian berries, quoted at from 56s. to 65s. per cwt., according to quality.

KARAYA.—No. 1 gum is quoted at 215s. to 220s. per cwt., spot; No. 2, 170s.

LIQUORICE ROOT.—Anatolian whole root continues easier at 52s. 6d. per cwt., spot. Turkish juice (block) is quoted at 250s. per cwt., duty paid; shipment, 225s., c.i.f. Italian block for shipment, 250s., c.i.f.

LOBELIA.—Firm; herb is quoted at 6s. per lb., on the spot.

MACE.—West Indian pale, on the spot, is at 6s. 9d. per lb., buyers.

MENTHOL.—Brazil, on the spot, is steady at from 44s. to 45s. per lb., duty paid; forward, 39s. to 40s., c.i.f. Chinese, in original cases, 50s. to 52s. 6d. per lb., duty paid; prices at origin have shown a steep rise.

MYRRH.—Aden sorts is quoted at £14 to £15 10s. per cwt., according to quality; siftings, £8 to £10 per cwt.

NUTMEGS.—West Indian 80's are steady on the spot at 2s. 9d. per lb.; unassorted are available at 2s. 3d. per lb.

NUX VOMICA.—Madras, steady at 40s. to 42s. 6d. per cwt. Mangalore, 40s.; Cochin, scarce, 42s. 6d. to 45s., spot, as to seller.

OLIBANUM.—Fair to good drop is quoted from 200s. to 240s. per cwt.; pea size, 220s.; good garblings, 180s.; seeds, 175s.; siftings, 110s.

PEPPER.—Indian black, whole, 2s. to 2s. 2d. per lb., spot; ground, 2s. 2d. to 2s. 4d. White, whole, unquoted; ground, 3s. 10d. to 4s., spot.

PIMENTO.—Spot quotations are again fractionally higher at 1s. 2d. per lb.

PSYLLIUM SEED.—A parcel of black seed is being offered at 2s. 9d. per lb., spot.

QUILLAIA.—Natural bark, spot, can be bought at 115s. per cwt.; cut, for future delivery is available at 135s. per cwt.

QUASSIA.—Chips, for shipment June-July, quoted at 34s. per cwt., c.i.f.; September-October, is quoted at 32s., c.i.f.; spot, difficult to find, 40s. to 45s. per cwt.

RHUBARB.—Spot quotations for Chinese rough round are from 6s. to 8s., according to fracture; forward, from 5s. to 7s., c.i.f. Poorer quality, some of which is wormy, is available on the spot at prices from 4s. 9d. to 5s. 6d. per lb. French rhapontica is quoted at 2s. per lb., spot.

SEEDS.—A little more inquiry has been noted, but prices are more or less unchanged from last week. ANISE.—Cyprus, 2s. 3d. per lb., spot London or Liverpool. CARAWAY.—Dutch offered at 1s. 1d. per lb., duty paid, spot London. CELERY.—Indian, 1s. 4½d. per lb., spot London or Liverpool. CORIANDER.—Spot, Morocco offered at 45s. per cwt., duty paid; Argentine, 44s. per cwt., duty paid, ex wharf Liverpool; English, 65s. to 75s. per cwt. New-crop Morocco (1947 crop) for July-August shipment quoted at 44s. 6d. per cwt., c.i.f. CUMIN.—Spot, Indian, 230s. per cwt., ex wharf London or Hull; Cyprus, 235s. per cwt., ex wharf London; Cyprus new-crop, for shipment, 190s., c.i.f. DILL.—Indian, 42s. 6d. per cwt., spot London and 40s. per cwt., ex store Liverpool. FENNEL.—Indian quoted 95s. to 97s. 6d. per cwt., ex warehouse London or Liverpool. FENUGREEK.—Indian, 42s. 6d., ex warehouse Liverpool and 45s. per cwt., spot London.

SENEGA. — Spot quotations for old-crop material are unchanged at 11s. 6d. per lb. New-crop is offered at source at 9s., c.i.f. A small crop is probable owing to a shortened season for collection.

SENNA.—Tinnevelly leaves, spot, No. 1, 1s. 2d.; No. 2, 10½d.; No. 3, 9d. to 9½d.; No. 4, 8½d. Tinnevelly pods, hand-picked, 10½d. to 1s. 4d.; manufacturing, 6d. to 6½d. Alexandrian pods, hand-picked, spot, from 4s. 9d. to 5s. 9d., according to quality; medium, 2s. 9d.; manufacturing, 1s. 9d. to 2s. per lb.

STRAMONIUM.—Indian leaf is quoted at 75s. per cwt., on the spot; Hungarian leaf, 115s., spot.

STROPHANTHUS.—Quiet. Kombé seed, 100 per cent., quoted at 9s. 6d. per lb.

TAMARINDS.—Barbadoes is quoted at 50s. per cwt., in bond.

TONKA BEANS.—Frosted Pará is offered at 4s. 9d. per lb., spot.

TRAGACANTH.—Selected ribbon is quoted at £155 per cwt.; other grades of white ribbon are available at from £120 to £125 per cwt. Prices of lower grades are as follows: Pale leaf, £60 to £80; amber leaf, £35 to £55; red leaf, £17 to £25; hoggy, £12 to £15.

VALERIAN.—Belgian root is at 190s. to 220s. per cwt., according to holder.

WAXES.—Steady. BEES', Dar-es-Salaam, is quoted at 345s. per cwt., spot; shipment, 337s. 6d., c.i.f. Lindi, spot, is offered at 340s.; shipment, 332s. 6d., c.i.f. Benguela, in bond, is quoted at 320s.; for shipment, 305s., c.i.f. CANDELILLA.—Spot supplies are at 420s. per cwt.; forward, 400s., c.i.f. CARNAUBA.—Spot, fatty grey, 650s.; afloat, 600s., c.i.f.; for shipment, 500s., c.i.f. Prime yellow is easier at 800s. per cwt., spot; afloat, 725s.; for shipment, 670s. MONTAN. —Steady. Reibeck is quoted at 390s. per cwt., spot; Czechoslovak crude, 330s., spot. OURICURI.—5 per cent., for shipment, 340s. per cwt., c.i.f.; 7-9 per cent., 370s., spot; 2 per cent., forward, 360s., c.i.f.

Essential and Expressed Oils

ALMOND.—B.P. sweet is firmly held at 8s. to 9s. per lb., according to quantity.

BAY.—Spot quotations for West Indian are at 8s. to 9s. per lb., according to quantity.

CASTOR. — Controlled prices are unchanged. Firsts, £180 per ton; seconds, £176, naked ex works.

CINNAMON LEAF.—Quotations are at from 11s. 6d. to 13s. 6d. per lb., according to quantity.

CITRONELLA.—Ceylon, on the spot, is available at prices from 7s. to 8s. 6d. per lb., as to quantity.

CLOVE.—English-distilled from buds is quoted at 11s. 6d. to 12s. per lb., according to quantity.

CORIANDER.—English-distilled oil is nominal at 250s. per lb.

GERANIUM.—Bourbon is quoted at 70s. to 77s. 6d. per lb., according to quantity and grade.

GINGER.—Quotations range from 75s. to 125s. per lb., according to quality and seller.

GUAIACWOOD.—Quoted at 16s. to 19s. per lb., spot, according to quantity and seller.

JUNIPER BERRY.—English-distilled, from European berries, is quoted at 125s. to 135s per lb. Imported oil can be obtained at prices from 32s. 6d. to 37s. 6d. per lb.

LAVANDIN.—Spot quotations are from 11s. 6d. to 15s. 6d. per lb., according to seller.

LAVENDER.—French (38 to 40 per cent esters) is easy at 45s. to 47s. 6d. per lb Spanish (spike) is quoted at 11s. 6d. to 12s. 6d. per lb., spot.

LEMONGRASS.—Spot quotations are from 7s. 6d. to 9s. per lb.

LIME.—West-Indian distilled oil is quoted at 33s. to 34s. per lb., spot.

LINSEED.—Controlled price of crude is £200 per ton, naked ex works.

NUTMEG.—English-distilled oil is steady at 45s. to 55s. per lb., spot; West-Indian distilled, to come forward, 42s. 6d. to 45s. per lb.

OLIVE.—The price of edible, 1 per cent., to wholesalers was recently increased to 51s. per gall. of 9 lb., in drums, ex store. Wholesalers' prices to retailers are as follows: In gall. loan cans, 58s. 9d. per gall.; in ½ gall., 59s. 6d.; in quart loan containers, 60s. 4d. and in pint containers, 61s. 4d. per gall., all delivered.

ORIGANUM.—Quoted at 18s. 6d. to 19s. 6d. per lb., spot.

PALMAROSA.—Spot quotations are at from 32s. 6d. to 37s. 6d. per lb., according to seller and quantity.

PATCHOULI.—Seychelles, spot, quoted at 75s. to 80s.; to come forward, 65s. per lb.

PENNYROYAL.—Supplies to come forward are quoted at 23s. to 25s. per lb., landed.

PIMENTO BERRY.—English-distilled oil is quoted at 47s. 6d. to 57s. 6d. per lb., according to quantity and seller.

ROSEMARY.—Spanish is quoted at 8s. 6d. to 11s. per lb., according to seller and quantity.

SANDALWOOD.—English-distilled is quoted at 85s. to 90s. per lb., according to quantity.

SASSAFRAS.—Brazil is quoted at 5s. 6d. to 6s. per lb., spot. Forward supplies are firmer.

THYME. — Red oil (40-42 per cent. phenols) is at 13s. 6d. to 16s. per lb.; white oil is quoted at 17s. to 18s. 6d. per lb., spot.

VETIVERT.—Java is quoted at 135s. per lb., on the spot; Bourbon is at 180s.

YLANG YLANG.—Scarce. Quotations are in the region of 100s. per lb.

BUSINESS QUERIES AND ANSWERS

Subscribers are invited to address inquiries to the Editor on problems of management, accounts, stock-keeping, taxation. To ensure that no information of a confidential nature is disclosed to a competitor, replies will be given under initials or a pseudonym.

New Businesses and Income Tax

"I was under the impression that special income tax rules apply in the case of new businesses. If this is so, I should like to know the basis of the assessment, as I acquired a new pharmacy in May 1946 *and look like having to pay too much tax. Can you show by an example how the tax is arrived at?—L. E. L."*

For the first income tax year, the profit realised from the date of commencement to April 5 of the following year forms the basis of assessment. The basis for the second year is the profit made during the first twelve months' trading, and for the third year the assessment would be made on the normal basis of the preceding year's profit. If it is to the taxpayer's advantage he has the right for the second and third income tax years to be assessed on the actual profit for each income tax year. For example, if business at a pharmacy commenced on May 6, 1946, and the net profit for the first full year to May 5, 1947 is returned at £480, the assessments would be as shown (Income tax years ends April 5).

1946-47. Taxable profit from May 6, 1946 to April 5, 1947, is 11/12 of £480, or £440.

1947-48: Taxable profit from May 6, 1946, to May 5, 1947, is £480.

1948-49: In the event of the profits for the two years ending May 5, 1948 and May 5, 1949, being, say, £360 and £240, respectively, the following adjustments could be made:—

1947-48: Actual profit is 1/12 of £480, or £40, plus 11/12 of £360, or £330, giving a total of £370.

1948-49: Actual profit is 1/12 of £360, or £30, plus 11/12 of £240, or £220, giving a total of £250.

Partnership or Private Company?

I should be pleased if you would indicate the relative advantages of a partnership and of a private limited liability company. Can a private limited liability company issue preference shares or debentures?—L.D.B.

The individuality of members who form a limited company is lost in the company which, in law, is a separate entity. Hence a member of a company may enter into contracts with the company in the same way as anyone else. Creditors of a company can proceed against the property of the company only, and there is no remedy beyond the fixed capital. In a partnership, the creditors may not only proceed against the property of the partnership but against the private property of the individual partners. In a private company (with the consent of the directors), shares in the company may be transferred without affecting its existence. In a partnership this is not possible. The shareholders of a company are limited in their liability to the amount unpaid on the shares held. In a partnership each member is jointly and separately liable for the whole of the debts of the firm.

The number of partners in a partnership may not exceed twenty persons (or in a banking firm ten persons). In a private limited company the members must number between two and fifty persons (except where employees are invited to take shares). The management of a partnership differs considerably from that of a company, partners being controlled by a Deed of Partnership, while the conduct of a company is controlled by the Memorandum and Articles of Association (i.e. the company's rules).

A company, whether constituted as public or private, may issue preference shares or raise debentures. A private company however, may not invite the public to subscribe for these, as there are restrictions on its share transactions.

A PHARMACIST'S ANTHOLOGY

He wiped out the mortar, threw in some drugs, and, showing me how to use the pestle, left me to my work. In half an hour I discovered why it was that Timothy had such an objection to what Mr. Cophagus facetiously termed the *rudiments* of the profession. It was dreadful hard work for a boy; the perspiration ran down me in streams, and I could hardly lift my arms. When Mr. Cophagus passed through the shop and looked at me, as I continued to thump away with the heavy iron pestle, "Good,"—said he, "by and by—M.D.—and so on." I thought it was a very rough road to such preferment.

(From "Japhet in Search of a Father," by Captain Marryat.)

TRADE MARKS

(*From "The Trade Marks Journal," June 25*)

"HEWVITE"; for all goods (5). By C. J. Hewlett & Sons, Ltd., 35-43 Charlotte Road, London, E.C.2. 647,593.

"SHAPEX"; for foods for cats and dogs (31). By Spillers, Ltd., 40 St. Mary Axe, London, E.C.3. B646,073.

(*From "The Trade Marks Journal", July 2*)

"NUODEX"; in distinctive lettering and circle within a square. "NUODITE" and "NUODEX"; for metallic salts for industrial purposes, mildew-proofing, rot-proofing, stabilising and wetting and dispersing agents, all being chemical substances for industrial purposes, etc. (1). By Nuodex Products Co., Inc., 830 Magnolia Avenue, Elizabeth, New Jersey, U.S.A. 631,046-47-48 (Associated).

"TANSUL"; for preparations for the clarifying and stabilising of alcoholic beverages (1). By American Tansul Co., 1489 Folsom Street, San Francisco, U.S.A. 645,218.

"ARPRA"; for chemical products used in industry, substances for preserving foodstuffs, and adhesives used in industry (1); for toilet preparations (not medicated), cosmetic preparations, perfumes and essential oils (3); for pharmaceutical preparations for human and veterinary use, sanitary substances and disinfectants (5). By Allan Rycroft Parkinson, 158 City Road, London, E.C.1. 647,744-45-46 (Associated).

"ALURA"; for toilet preparations for the hair (3). By C. Nestlé & Co., Ltd., Branscombe, nr. Seaton, Devon. B629,473.

"SILKTONA"; for toilet preparations in the nature of make-up for application on the legs (3). By Norman Victor Lundie, 13 Lord Street, Southport, Lancs. B630,254 (Associated).

"CANDIDE EFFLUVE" (word "Effluve" disclaimed); "MITSOUKO"; for toilet preparations (not medicated), cosmetic preparations, perfumes, perfumed soap and preparations for the teeth and hair (3). By Guerlain, Ltd., Corner of Aintree and Fraser Roads, Perivale, Middlesex. 643,381 and 643,393.

"LONDON'S PRIDE"; on label design incorporating flowering plant and sketch of Hampton Court (flower device disclaimed); for all goods (3). By Smiths (Hampton), Ltd., 19 Thames Street, Hampton-on-Thames, Middlesex. 647,585 (Associated).

"BALLERINA"; for perfumes (3). By De Graf Perfume Bars, Ltd., 19 Grosvenor Gardens, Temple Fortune, London, N.W.11. 637,549.

"NYLENE"; for non-saponaceous preparations for washing stockings and the like (3). By Roxburgh & Allan, Ltd., 339 Seven Sisters Road, London, N.15. 646,037.

"CROMAX"; for cleaning and polishing preparations for the treatment of floors and similar surfaces (3). By G. H. Wood & Co., Ltd., 323 Keele Street, Toronto, Ontario, Canada. 646,801.

"PARTIR . . ." (device of three dots disclaimed); for toilet preparations (not medicated), cosmetic preparations, perfumes, soaps, essential oils, hand lotions and dentifrices (3). By Parfumerie Roger & Gallet, 9 rue Valentin, Levallois-Perret (Seine), Paris. 647,603.

"VELDT"; for creams, lotions, bath salts, and powder, all being non-medicated toilet preparations (3). By May, Roberts & Co., Ltd., 47 Stamford Hill, London, N.16. 647,057 (Associated).

"IMAGINATION"; for perfumes, toilet preparations (not medicated), cosmetic preparations and soap (3). By Parfumerie Voilet, 75 rue du Faubourg St. Honoré, Paris. 648,011.

"MALT DELICOSE"; for pharmaceutical preparations and substances, and medicated sweets, all consisting of or containing malt (5). By Meadowcroft & Co., Ltd., Stanley Mills, Butcher Lane, Bury, Lancs. 638,863 (Associated).

"ENTROSALYL"; for pharmaceutical substances (5). By Société d'Etude et de Prospection Chérifienne, 1 Boulevard d'Antée, Tangier. 645,972.

"OZENTO"; for medicated preparations for use in the treatment of coughs (5). By Robert John Wright, 22 Albert Road, Carrickfergus, co. Antrim, Northern Ireland. 646,123.

"MORTIPEST"; for insecticides (5). By W. J. Bush & Co., Ltd., 28 Ash Grove, Hackney, London, E.8. 646,224.

"POLYBOR"; for pharmaceutical preparations and substances (5). By Borax Consolidated Ltd., Northgate House, 20-24 Moorgate, London, E.C.2. 647,399 (Associated).

"ORTINA"; for pharmaceutical preparations, materials and substances prepared for use in dentistry (5); for artificial teeth (10). By Ortina, Ltd., Cumberlow Avenue, South Norwood, London, S.E.25. 647,479-80 (Associated).

"GLOFOOT"; for pharmaceutical preparations for the treatment of the feet (5). By Edward V. Abraham, Ltd., 84-86 Frodingham Road, Scunthorpe, Lincoln. 647,631.

"LUXKNIT"; for sanitary towels and tampons (5). By Luxan (Henry Franc & Lauder), Ltd., 4 Chepstow Street, Manchester, 1. 647,751 (Associated).

"GRAM-ETOL"; for pharmaceutical preparations and substances (5). By Ward, Blenkinsop & Co., Ltd., Brooklands, Wood Road, Halewood, Liverpool. 648,055.

"KENTARRA"; for throat pastilles (medicated) (5). By Yorkshire Pharmaceutical Industries, Ltd., Morpeth Street, Rotherham, Yorks. 648,064.

"PESCO"; for insecticides (5). By the Astley Dye & Chemical Co., Ltd., Mallison Street, Bolton, Lancs. 648,086.

Circular monogram of the letters "A R W"; for electrical, magnetic and electronic apparatus and appliances included in this class; photographic and scientific apparatus and appliances (9). By Atkins, Robertson & Whiteford, Ltd., 100 Torrisdale Street, Glasgow, S.2. B643,101.

"MARANDA"; for electrical apparatus, instruments and appliances and parts thereof, excluding electric cables or wires (9). By M.R.D.A., Ltd., Maranda House, Binney Street, Oxford Street, London, W.1. 645,113 (Associated).

"OCULANS"; for sun glasses, eye glasses, spectacles and parts of all such goods (9). By Comptone Co., 49 West 38th Street, New York, U.S.A. 646,939.

The specifications No. B646,423 by Anita Stephen should be altered so as to read "Perfume sprays".

THE *Safe* SEDATIVE

Pharmacists will have noticed the growing demand for sedatives in recent years; and it must be expected that the trend will continue, especially if the consumption of tobacco is to be reduced.

For the mild case the ideal sedative is one which will achieve its purpose without causing cardiac depression or impairing the patient's ability to cope with his normal work. Such a product is 'Adalin.'

The efficiency and very low toxicity of 'Adalin' has been amply established in thirty-six years of use. It is not a barbiturate and may safely be taken even by very young children.

In addition to being a sedative, 'Adalin' is a reliable mild hypnotic in the insomnia caused by overstrain and worry. More prescriptions may be expected as a result of our advertising to the medical profession.

TRADE **'ADALIN'** MARK

'Adalin,' brand of Carbromal is *not* subject to the Poison Regulations.

It is supplied as follows :—

Tablets gr. 5 (0.3g.)

Bottle of 25, 4/6 (plus 6d. p.t.)
" " 100, 16/6 (plus 1/9 p.t.)
" " 250, 36/- (plus 3/11 p.t.)
" " 1,000, 120/- (plus 13/- p.t.)

(*Prices subject to* 33⅓% *retail discount.*)
Also as tablets gr. 7½ and as powder.

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Aspirin BP, Phenacetin BP, Caffein Alkaloid BP, Caffein Citrate BP, Theobromine Alkaloid BPC, Liquid Malt Extract, Lactose, Food Quality, Bornyl Acetate, Pure, Terpineol BPC, Spermaceti Wax, Snow White, BP and Emulsion Wax offered in substantial quantities.
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containing

Glycerophosphates and Hæmoglobin (Builder and Toner)

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CALAMINE AND ZINC CARBONATE

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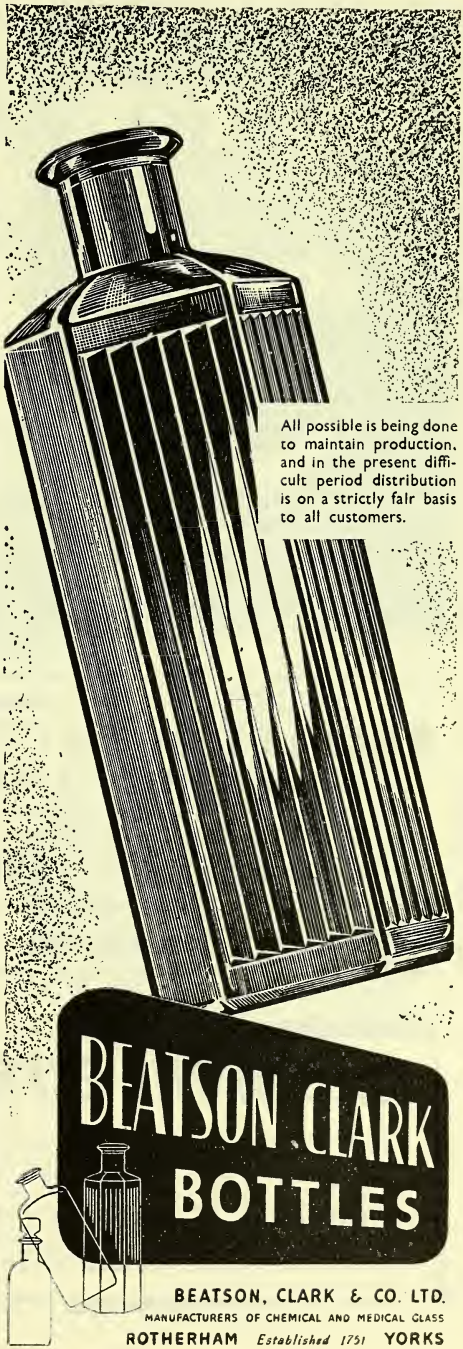

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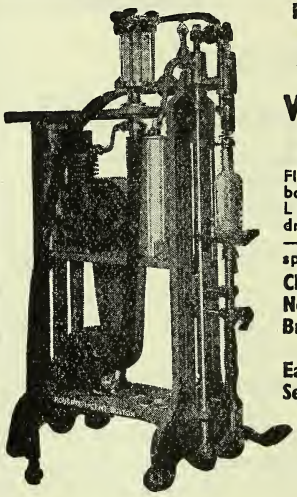

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Fills all sizes of bottles with Liquids from drachm to quart —long, short or sprinkler neck.

Clean & Rapid
No Over Filling
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Easy to clean
Self Rinsing

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Roberts' Patent Filling Machine Co. Ltd.
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Makers of every description of Bottle Filling and Shallow Jar and Tin Filling Machine for the Chemists' use

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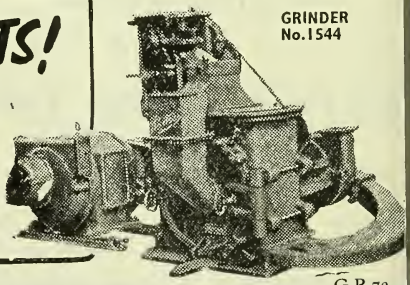
GEORGE PORTEUS & Sons (Leeds) Ltd.
LEEDS BRIDGE WORKS, LEEDS 10



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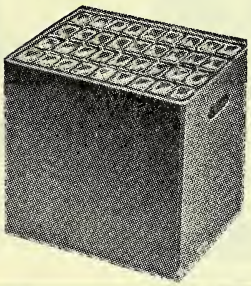
NEATLY PACKED IN 6 DOZEN RETURNABLE CARTONS



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Ranging in size ½ oz. up to 3 oz.
Plain or teaspoon graduations
Medium and tall types.

MANUFACTURED IN BEST QUALITY WHITE FLINT, AND PACKED IN RETURNABLE CARTONS

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Steadily increasing demands for Tampax are now being met by the improved supply position. This inevitably means increased sales for *you*—sales which can be helped by displaying Tampax prominently in your window and on your counter, for where women see, they buy. We shall be happy to send you on request either or both of the attractive sales aids shown above.

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Packets of 10: TRADE 15/9 doz. RETAIL 1/9 Packet.
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Always Clean Powder Puff

Each packed in Cellophane bag with above illustration

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In a few weeks — perhaps a few days — your customers will want Sun Tan Oil. You can make handsome profits by selling this commodity, manufactured by you from our new Emulsifier S.T.

Emulsifier S.T. (contains Antiviray) **7/6** per lb.; Labels **5/-** per gross; Mineral Oil **14/-** per gallon.

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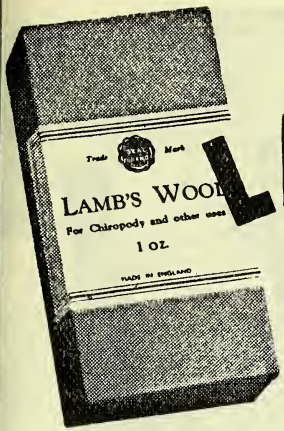

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½ oz. - - 3/9 doz. 2 oz. - - 12/- doz.
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Attractively packed in carton with transparent paper wrapping
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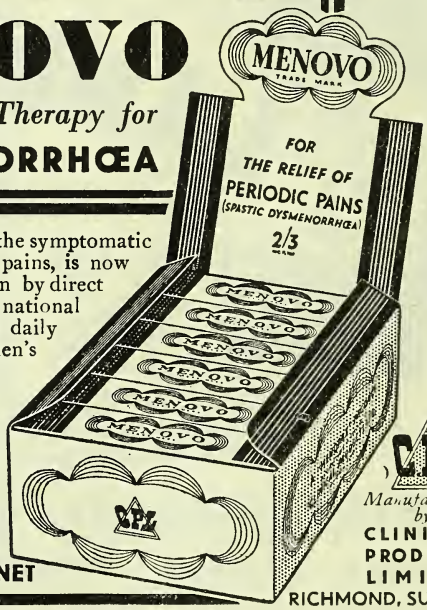
New! MENOVO

The Rational Therapy for

SPASTIC DYSMENORRHŒA



MENOVO, an entirely new approach to the symptomatic and antispasmodic therapy for menstrual pains, is now being introduced to the medical profession by direct mail and press announcements. A national campaign has also been arranged in the daily press, provincial newspapers and women's magazines

FORMULA: Bromisovalerylurea ¼ gr. (16.25 mg.); Carbromal ¾ gr. (48.75 mg.); Acetphenetidin (phenacetin) 2⅛ gr. (140.00 mg.); Ephed. hydrochlor. 1/30 gr. (1.95 mg.); Codein phosph. 1/20 gr. (3.25 mg.); Ext. bellad. sicc. 1/18 gr. (3.90 mg.); Sod. bircarb. 2 gr. (130.00 mg.); Aromatic carminative q.s., Excipient q.s.

Orders for "smalls" may be handled by your usual wholesaler. Bonus parcels obtainable only from the sole distributors for the U.K.

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STOCKING (except Black). **16/- gross**

CURTAIN & COLD WATER, 24/- gross

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Our order books are full for some time ahead, and immediate deliveries cannot be promised. We shall, however, welcome your enquiries for forward deliveries. *(WHOLESALE ONLY SUPPLIED)*

REAL NEWS!

ANOTHER Elastoplast LINE

The name is 'Waterproof Elastoplast'. It has a plastic skin base that completely excludes water, grease and oil from an injury. It will be a boon to the busy housewife; the worker in industry. There's a huge potential market here. Think about it — and order from your wholesaler, he has a quota allocation. A Factory set of waterproof dressings is in free supply — local workshops, garages, factories will want it. This line will have the support of an advertising campaign and sales aids.

Waterproof Elastoplast is
Elastic — Adhesive — Inconspicuous (flesh coloured) — Water, Grease and Oil proof. It will keep clean — stay on firmly — has a non-catch surface and does not fray at the edges.

In RED Tins with a WHITE Band

PUBLIC PACK: You buy at 6/- a doz. and sell at 9d. a tin.
FACTORY PACK: You buy at 8/9d ea. and sell at 13/-
Factory and Medical Price 11/-)

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WATERPROOF
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FIRST AID DRESSINGS

A SMITH & NEPHEW PRODUCT

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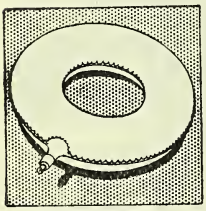
PRE-WAR LINES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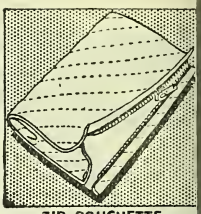
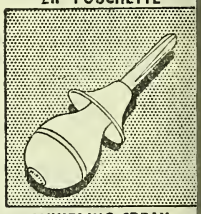
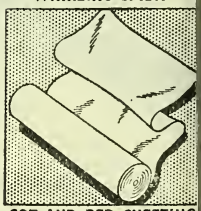

ZIP POUCHETTE


WHIRLING SPRAY


COT AND BED SHEETING

And some new ones, too

1947 SEES US getting back into production with many of the favourite and best-selling surgical goods of before the war. In addition to these established Li-Lo successes we are adding new items, including the Whirling Spray (shown here), " Travelette Spray " and an extensive range of surgical and domestic goods in plastic.

Write for trade terms to the exclusive makers of Li-Lo Products :—

P. B. COW & CO. LIMITED, ESTABLISHED 1836
12, HAY HILL, BERKELEY SQUARE, LONDON, W.1.
TEL : REGENT 7401 (10 LINES)

WOMEN KNOW FROM EXPERIENCE THE SECURE COMFORT OF

MENE SANITARY TOWELS

and MENEX SOLUBLE

SUPPLY THEM WHENEVER YOU CAN

ROBINSON & SONS LTD · CHESTERFIELD & LONDON

Your reputation will advance by leaps & bounds if you prescribe

Navano

OINTMENTS
POWDERS
LOTIONS
for all foot troubles

NAVANO PREPARATIONS LTD

9, WESTMORLAND AVE., BLACKPOOL

As advertised in the public press

OPTREX

PRODUCTS

OPTREX: A scientific eye lotion, sterile, and carefully balanced in its ingredients, which is produced under conditions of clinical asepsis. Approved by doctors, oculists and opticians; can safely be used for all eyes, of all ages, at all times.

FAMEL SYRUP: For coughs, colds, influenza and bronchial troubles. Gets to the root of the cough because it contains soluble Lacto-creosote, which goes to the lungs and breathing passages and there destroys the germs.

★ **OPTULLE:** An open-mesh, sterile, non-adherent dressing, impregnated with a special petroleum compound. Mildly antiseptic and non-irritant. Greatly facilitates dressing and re-dressing of burns, septic wounds, indolent wounds, sloughs, varicose ulcers and fractures. Packed in tins, containing 24 pieces, also in continuous strips 5 yards long by 8 inches wide.

★ **SULPHANILAMIDE TULLE** (*Optrex Brand*): Of outstanding value for treatment of burns, and in other cases where sulphanilamide is indicated. An open-mesh dressing impregnated with an emulsion containing 10% Sulphanilamide. Supplied in a small light compact case. In continuous strips, 5 yards by 3½ inches, ready for instant use.

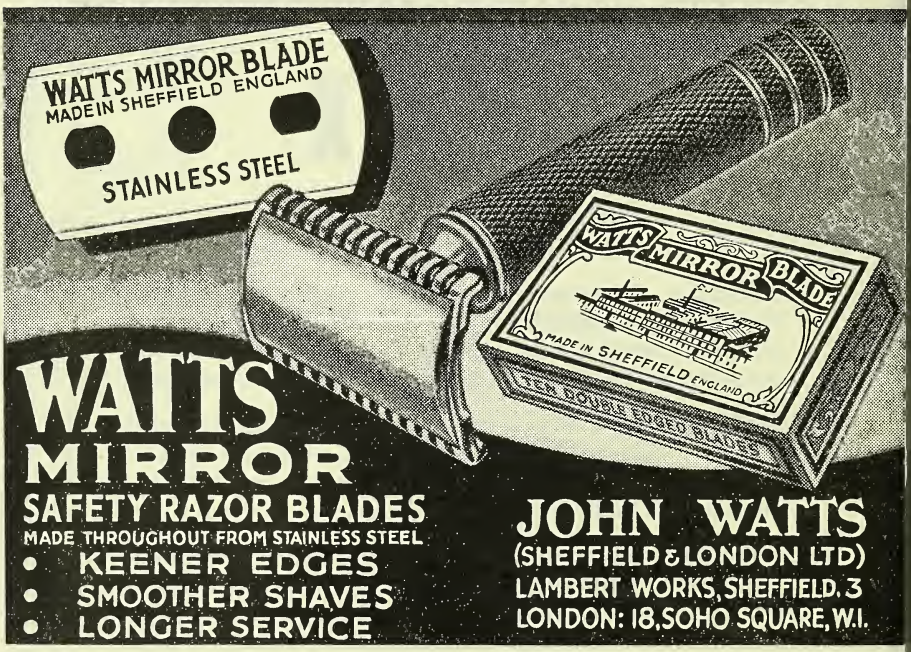
★ **SULPHANILAMIDE TULLE CREAM:** Sulphanilamide Tulle Cream is supplied in tubes. It can be used as an ointment or applied on a sterile spatula direct to a diseased or injured area, or spread on gauze, linen or oiled silk.

★ Sole Distributors for Optulle and Sulphanilamide Tulle:

CHAS. F. THACKRAY LTD., THE OLD MEDICAL SCHOOL PARK STREET, LEEDS, and 252 Regent Street, London, W.1

All these products are manufactured by:

PERIVALE **OPTREX Ltd.** MIDDLESEX



WATTS MIRROR
SAFETY RAZOR BLADES
MADE THROUGHOUT FROM STAINLESS STEEL
• KEENER EDGES
• SMOOTHER SHAVES
• LONGER SERVICE

JOHN WATTS
(SHEFFIELD & LONDON LTD)
LAMBERT WORKS, SHEFFIELD. 3
LONDON: 18, SOHO SQUARE, W.I.

No Empties No Fulls

Your supplies of squashes and cordials are now strictly related to the number of empty bottles you return. The Soft Drinks Industry has been compelled to make this rule as only negligible numbers of new bottles are being obtained. You, in turn, must insist upon every customer handing in an empty S.D.I. bottle before you supply a full one, otherwise your future supplies of squashes and cordials will be cut. It is regrettable, and repugnant to the manufacturers, but there is no option. *The fact is the empty bottles are not coming back.*

make a fast rule of

BOTTLE FOR BOTTLE

The Soft Drinks Industry (War Time) Assocn. Ltd. S·D·I 42 Upper Grosvenor Street, London, W.1

CVS—66

Continuous and Steadily Advertised Go
FOR DESTROYING RATS AND M

DANYSZ VIRUS

Retail Price (Protected) Net Wholesale P
Virus for Rats and Mice, single tube, 2/- 15/- per
3 tubes, 5/-
Virus for Mice only, single tube, 1/6 9/- ,,
3 tubes, 3/-
Date-expired tubes returned to us postage paid be exchanged free of charge.

Danysz Virus in Liquid Form

Retail Price Wholesale P
Bottles 6/- each ... ... 4/6 each
,, 4/6 ,, ... 3/9 ,,

HALLER'S EXTRACT OF SQUILL and DANZO RAT KILLER

Discount off Retail Prices 25 p.c. Monthly Acco
or 33⅓ p.c. Cash with Order.

	Retail	Monthly A/c	Cash with O
½ gall. tins	10/-	7/6	6/8
1 ,, ,,	18/-	13/6	12/-
5 ,, ,,	80/-	60/-	53/4

DANZO BEETLE POWDER

For destroying Blackbeetles, Cockroaches, Crickets, etc.

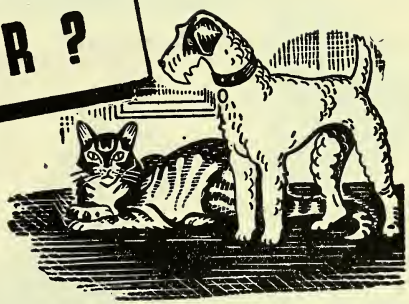
Retail Prices (Protected) Wholesale Pr
In cartons 9d. each ... ... 6/9 per
,, 1/6 ,, ... 13/6 ,,
,, 3/- ,, ... 27/- ,,
Danzo Beetle Powder will not deteriorate by keep

CARRIAGE PAID ON ALL ORDERS

To be obtained from
HALLER LABORATORIES, LTD.
325, Borough High Street, LONDON, S.E.1
Telegrams: "Virudana, Sedist, London." Telephone: Hop.

Have you a

PETS CORNER ?



Have you weighed up the idea of making the dogs and cats in your district into customers? Pet welfare is becoming an increasing public interest. Pet owners are consulting experts about the health of their dogs and cats. Every chemist can turn these facts to profitable advantage by stocking George Bell's Blood Salts for Dogs, and Cat Powders.

Send for Trade Price List to

BELL & SONS, LTD.

Veterinary Chemist

LIVERPOOL, 13

George **BELLS**

BLOOD SALTS for Dogs ★ CAT POWDERS

Make Money out of the Moth Menace

Sell **PROMOL**

MOTH RINGS

RETAIL AT

7D PER PACKET

Wholesale **56/-** Per Gross

PROMEDICO PRODUCTS LTD.
22 Turle Rd., London, N.4 ARCHway 2771

Prepare NOW *for a*

BIG SUMMER DEMAND

for these fast selling lines

"DiDiT" Powder and Liquid Insecticides and Fly Papers

TICK Insect Powder

Apply for Bonus Terms

RODMILL CHEMICAL CO. LTD

2-4 ISLINGTON ROW, LIVERPOOL, 3

"... and there's a marvellous Savings Group, too.

Why not get yours re-started?"

A keen Savings Group is usually a sign of a pleasant atmosphere and an efficient concern. It isn't easy to keep groups going at full strength with post-war reconversion causing so many changes of staff. The secret of success is a strong lead from managements and the right man or woman to run each group. Can *you* do anything more to help ? Group saving is as important as ever it was—for the worker *and* for the firm *and* for the country.

New groups

If you have no Staff Savings Group, will you get one started right away ? Every place of employment should have its own Group.

Facilities

Experience shows that the fullest facilities induce the highest Savings. Ask your Local Savings Committee or Assistant Commissioner for details of the various schemes.

New members

If you have a Savings Group, will you do all you can to encourage the Staff to join ?—'every employee a group member' should be the aim.

Savings Clubs

These are the ideal way of saving for holidays, Christmas or other special occasions. Clubs are popular, easy to run and need not interfere with your Savings Group.

Information, equipment and publicity material are provided free of charge — apply to your Local Savings Committee or to the National Savings Committee, Sanctuary Buildings, Westminster, S.W.1.

It's easier to save in a

STAFF SAVINGS GROUP

Issued by the National Savings Committee

PHOTOGRAPHIC FINISHING FOR THE TRADE

We are now in the position to handle all kinds of photographic finishing work for the trade, including developing, printing, enlarging, copying etc., also commercial and industrial photography in the Oxford and London districts. Your enquiry will receive prompt attention.

WILL R. ROSE LTD
Oxford Works
20, St. Ebbes Street
OXFORD

- British made
- Distinctive in appearance
- Light in weight

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REDG. 625499

HIGH CLASS
SUN-GLASSES

Ask your wholesaler for details of Styles, Terms, etc.

Or Apply to
LEWIS (Import & Export) Ltd
232 Gt. Portland St., London, W.1
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EMMET
DISTRIBUTING CO. LTD

Sole Distributors throughout the World for

Chandré BEAUTY *and* BABY PUFFS

Finest Quality
FRENCH SKIN
SWANSDOWN

Swansdown puffs are available again in the complete Chandré range. Of first quality French skin and in a variety of attractive pastel shades. For all feminine occasions and nursery requirements. Send for catalogue of our Swansdown and Lambswool ranges.

AS EXHIBITED at the B.I.F. Olympia

Enquiries to :
EMMET DISTRIBUTING CO. LTD. 140 PARK LANE, LONDON, W.1 MAYfair 6756

OPERATION NECESSITY

JOHNSON AGENCIES (PTYS) LTD

beg to announce that owing to the very large expansion of their HOME and EXPORT business, they have purchased more commodious premises at

HORSHAM, SUSSEX

The Directors and Staff crave your indulgence in the matter of DELIVERIES the next TWO WEEKS . . .

bandbox *shampoo*

NATIONALLY ADVERTISED

30,000,000 women constantly see this famous curl in the National Press. Bandbox is now their number one shampoo. Repeat sales leave no doubt of this. Bandbox removes all dandruff, dust and surplus oil. Leaves no deposit. Rinses out quickly. Bandbox leapt into fame overnight and no wonder! *Commencing July 1st, 1947, owing to increased costs, the following prices will apply. Would you kindly adjust your selling prices accordingly.*

NEW PRICES . . .

NEW 10½d SIZE

	User	Retailer	P.T.	Packed in units of
7/6 size	no change	now 50/- doz.	16/8 doz.	6
3/9 size	now 4/3	now 28/6 "	9/6 doz.	12
2/- size	now 2/6	now 16/6 "	5/6 doz.	24
New size	10½d	72/- grs.	24/- grs.	36

ASHE LABORATORIES LTD., 120/122 VICTORIA STREET, S W 1

ASTHMA

ONE DŌ-DŌ OFTEN GIVES RELIEF IN 30 SECONDS

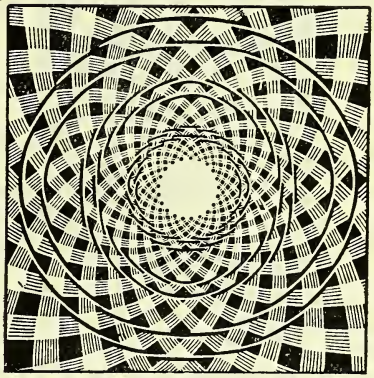
DŌ-DŌ

TABLETS

INTERNATIONAL LABORATORIES LTD.

1-3 SMEDLEY ST, LONDON, S.W. 8 - MACaulay 3481

Thousands* will TRY THEIR EYES



How round is a circle? The curved lines in this eye-teaser are actually true circles. Can you believe your own eyes?

Thousands of people are trying their eyes on the tantalising, optical illusions in the new Valopto advertising. They're eye-catchers . . . sales-catchers, too — making thousands realise that trying their eyes is a daily danger. Close work, poor light, reading or sewing too late in the evening — it's all too easy. These advertisements, are telling them the equally-easy, 60-second answer: Valopto, *daily*. Valopto, the amazing new Eye Lotion with its gentle antiseptics and soothing plant extract combination discovered only after hundreds of tests *is in the public eye*. And that means trade at *your* counter!

* Thousands will ask for

Valopto

EYE LOTION

LET US PACK YOUR PRODUCTS

OR MANUFACTURE AND PACK

ANY QUANTITIES

YOUR NAME

T.J. FAVELL & Co LTD
Manufacturing Chemists
PHONE ARCHWAY
192, SEVEN SISTERS ROAD, LONDON, N.4. 1846

THE BLADE THAT MAKES YOUR FACE SMILE

Wanie

is as keen and clean as a surgeon's knife, giving a shave of unsurpassed comfort and smoothness. WANIE Blades have been famous for over 25 years and to-day their popularity is greater than ever. Price 1/6 per doz. including purchase tax.

BRITISH MADE BY BRITISH CRAFTSMEN

LONDON & PROVINCIAL FACTORS *Limited*
230 Tottenham Ct. Rd. London W 1.

With the holiday season approaching its peak Lumicraft Sun Glasses are in heavy demand. Don't risk running out of stock, but order your replenishments immediately.
Minimum orders of one dozen accepted for the home market. Particulars and prices on request.

LUMICRAFT SUN GLASSES
and Sun Glass Cases

EXPORT ENQUIRIES INVITED

LUMINOS, LTD.
45 BELSIZE LANE, HAMPSTEAD, LONDON, N.W.3
Telephone ; Primrose 1652

Death to Flies!

SCOTT'S D.D.T FLY and MOTH PAPERS

DESTROY FLIES ON CONTACT

3D EACH

THIS YEAR'S FASTEST SELLING LINE

Scott's D.D.T. Fly Papers will clear a room of flies, gnats, midges, etc., in no time. D.D.T. is absorbed through the pads of the flies' feet which causes death very quickly.
PRICE 24/- PER GROSS
TRADE & WHOLESALE ENQUIRIES INVITED

Sole Manufacturers:
J. & K. SCOTT.
MANUFACTURING CHEMISTS,
61, SUMMER ROW · BIRMINGHAM, 3.

DISTRIBUTORS: SWINNERTON'S
SHIRE OAK WAREHOUSE · STONNALL · WALSALL.

n the Public Eye . . . . .

he goodwill possessed by any product the most valuable sales factor to the etailer - especially in the immediate ture. Despite severe space restrictions DRUMMER YES have steadily kept their name in the public's ye through advertising in the National Daily ress, Magazines and from the poster hoardings.

DRUMMER DYES

Also makers of JIFFY DYES

Made by Wm. EDGE & SONS LTD. - BOLTON

213

ZEAL

Clinicals

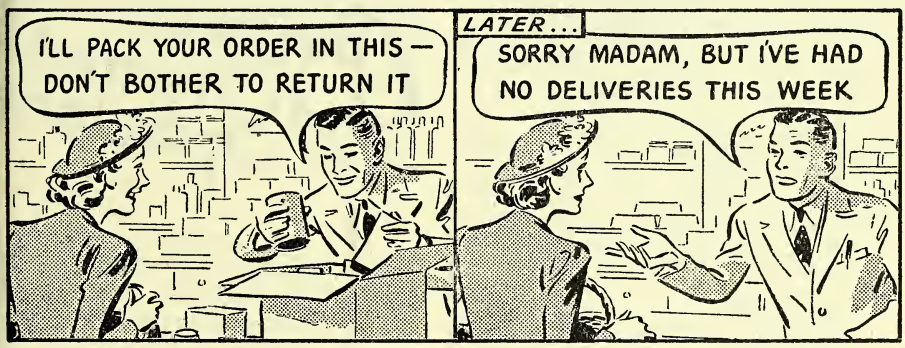
The Choice of Experts

BRITISH MADE

NO HIGHER IN PRICE THAN NONDESCRIPT MAKES

Also Household, Bath and Works Thermometers, the best of their kind

G.H. ZEAL LTD.
LOMBARD RD., MORDEN RD., LONDON, S.W.19
Phone : Liberty 2283-4-5



Unless manufacturers have your returned containers, they can't give you the goods. So please don't give away containers, don't damage or destroy them — put them aside for the C.R.S. van to take back. Vans collect during normal deliveries. C.R.S. vans also make regular additional collections. Cash paid on the spot !

This is all you need to do :

1. Open C.R.S. wood and fibreboard cases carefully to avoid damaging tops and sides.
2. Fold C.R.S. collapsible cartons FLAT — with flaps sticking OUT (otherwise flaps have to be untucked before re-use).
3. Store them out of harm's way until collection.

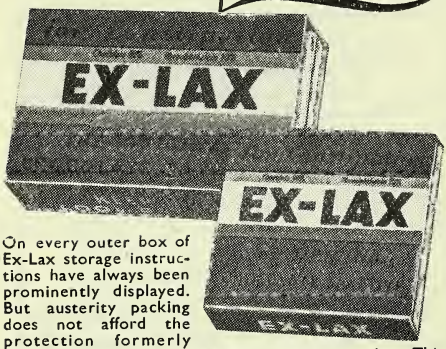
Keep supplies on the move — co-operate with

CONTAINER RECOVERY SERVICE

S.P.D. LIMITED
Unilever House,
Blackfriars, London, E.C.4

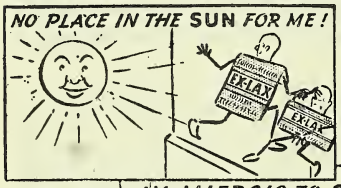
CRS 40-683

PLEASE BE KIND TO ME Mr. CHEMIST!



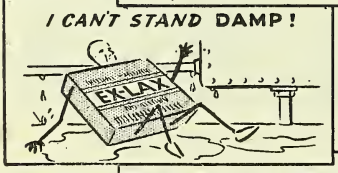
On every outer box of Ex-Lax storage instructions have always been prominently displayed. But austerity packing does not afford the protection formerly provided, especially during the summer months. This problem, however, can be overcome, if you will kindly remember the hints set out below.

HOW NOT TO STORE 'EX-LAX'



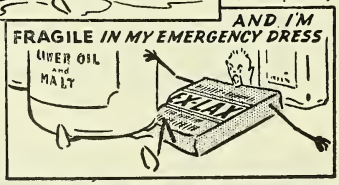
(Heat is fatal to chocolate. 'Ex-Lax' should never be placed in the window or in direct sunrays.)

(Keep 'Ex-Lax' away from perfume, soap and other strong-smelling commodities.)



(Don't store 'Ex-Lax' near a damp wall or next to glass where condensation takes place.)

('Ex-Lax' in its present packing should be handled carefully and kept in container until sold.)



BAD' STOCK IS WASTE. STORE 'EX-LAX' WISELY

KEEP 'EX-LAX' COOL AND DRY P.A.T.A.

Field

Creators of high-class Perfume Compound and makers of Aromatic Chemicals an Technical Deodorants.

FIELD & Co. (Aromatics) Ltd

Alperton, Wembley, Mdx.

P TO Chemist-Opticians

The Symbol of Quality

A Complete and Precise Optical Lens and Frame Prescription Service is available to you.

It combines the Highest Quality of Craftsmanship with PROMPT Delivery.

Write today for details to:

THE PRIORY OPTICAL CO., LTD.

104b OLD CHRISTCHURCH ROAD, BOURNEMOUT

A line you can confidently recommend
EXTRA RAPID
CODASPHEN
Tablets
ANALGESIC EXTRA RAPID Codasphen TABLETS
OFFER A NEW & VERY EFFECTIVE ANALGESIC-ANTIPYRETIC COMBINATION FOR
INFLUENZA·COLDS
NEURALGIA·RHEUMATISM
and are the ideal
10 minute cure for
HEADACHE
Generous Terms · Display Material
TUBE OF 15 TABLETS 1/10½ INCL P.T.
MOORE MEDICINAL PRODUCTS LIMITED ABERDEEN · SCOTLAND

SANTOCHEMA · STOCKHOLM

Drugs & Chemicals

SANTONIN

Import & Export

SANTOCHEMA
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Postbox 7154, Stockholm

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SALES STILL RISING

Results Convincing and the Good News Spreading

H.B.T. Chlorophyll and Yeast Tablets

for

Rejuvenation and Vital Energy

They contain no drugs, a safe and sure recommendation for your clients.

3/- & 6/- Incl. Pur. Tax.

Through any Wholesaler or direct from

HUNTER BEATTIE PRODUCTS LTD.

Glasgow S.E. B.C.M./H.B.T. London, W.C.1

THERE IS ONLY ONE WINNER

when INSECTS challenge

SECTO Regd. D.D.T.

The insecticide that sells on sight and repeats on merit

Made in the Factory that supplied H.M. Government with D.D.T. products during the War

Retail Prices of SECTO D.D.T. are:—

Powder 1/3 2/6 5/6 Liquid 2/- 3/- 6/- 15/-

Usual Trade Profit Margins and Discounts

SECTO CO. LTD., BLACKBURN

CONTROL OF HEAD LICE

Nits and Head Lice can now be dealt with quickly and economically without unpleasant evidence of treatment.

An N.W.F. formula now being used extensively by Public Health Authorities.

'Semprolia' BRAND

MEDICATED (LETHANE) HAIR OIL N.W.F.

Insecticide for control of Nits and Head Lice

★

'SEMPROLIA' MEDICATED (LETHANE) HAIR OIL IS IN URGENT AND RAPIDLY INCREASING DEMAND

Retail (2-oz.) 1/1½d. including P.T. P.A.T.A.
List 8/- doz. Packed in 2-dozen outers.

STEMCO LTD., 128, *Albert Street, London, N.W.1*
Agents in Eire—May Roberts (Ireland) Limited, Dublin

BRITISH MADE **AMPOULE FILES** are now available

We are now in a position to manufacture large quantities of Ampoule Files and invite inquiries

DOMINION STEEL CORPORATION LTD.

"FLEET" WORKS
QUEEN'S ROAD, SHEFFIELD, 2

SURE-SELLING STOCK!

OVER 150 YEARS REPUTATION

KEARSLEY'S

THE ORIGINAL

WIDOW WELCH'S FEMALE PILLS

9d. BOX PROFIT by ordering 1 doze 3/- size. Bonus box given on ever dozen (13). It pays to push this size

C. & G. KEARSLEY LTD
71 Dartmouth Rd., London, S.E.
Est. 1787 in the Reign of King George I

NO! . . .

PERSONAL POINTS
or
DOCTOR'S PRESCRIPTION
are NOT needed for

DR. SPICER'S

MALTOBAR

AVAILABLE FROM
WHOLESALERS

Enquiries to the Manufacturers:
AFFINED BASIC CHEMICALS
LIMITED
EMPIRE WORKS, DESBOROUGH RD.,
HIGH WYCOMBE, BUCKS
Telephone : High Wycombe 2266/7/8

(A)

NOW AVAILABLE

Eade's UNIVERSAL ANODYNE

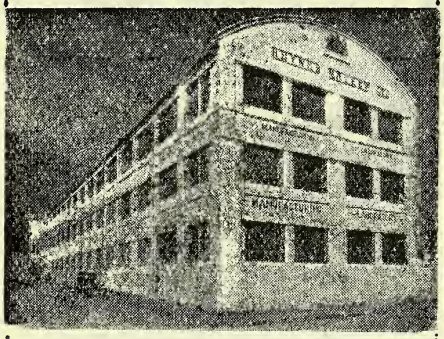
RETAIL (Inc. Pur. Tax)		WHOLESALE (Plus Tax)
1/5		11/3 doz.
3/4½	P.A.T.A.	27/- doz.

EADE'S RHEUMATIC & GOUT PILLS

RETAIL (Inc. Pur. Tax)		WHOLESALE (Plus Tax)
1/5		11/3 doz.
3/4½		27/- doz.
5/8	P.A.T.A.	46/- doz.

EADE'S PILLS LTD. (Dept. C. & D.)
232 GOSWELL ROAD, LONDON, E.C. 1
Clerkenwell 3370

HEYNES MATHEW
LIMITED
ESTABLISHED 1836



CAPE TOWN

To:—
BRITISH MANUFACTURERS
Marketing in South Africa
From:—
HEYNES MATHEW LTD.
CAPE TOWN

Over a number of years we have been manufacturing Patent, Proprietary and Ethical medicines for certain large British establishments and delivering these to the respective Agents for distribution.

Our Laboratories are equipped with all the necessary and up-to-date machinery to undertake such work, and are under the control of staff possessing high pharmaceutical and analytical degrees.

The manufacture of products in South Africa would mean an economic saving.

★ *Enquiries are solicited through our London representatives :—*

DAVIS & SOPER
LIMITED
52 & 54 ST. MARY AXE, E.C.3

HEYNES MATHEW LTD.
Manufacturing Chemists and Pill and Tablets Specialists,
7-9 BREE ST., CAPE TOWN
Associated with
SOUTH AFRICAN DRUGGISTS LTD.
JOHANNESBURG & DURBAN

M.O.

Registered Trade Mark

MAGNESIA OIL

What M.O. definitely does not cause:

DISTENSION
ERUCTATION
ANAL LEAKAGE
TENESMUS
IRRITATION
UTERINE ACTIVATION
SUPERVENING STASIS
HABITUATION

What M.O. definitely does effect:

EVACUATION
REGULAR HABIT
ALKALINE REACTION
ADSORPTION
ARREST OF PUTREFACTION
MUCOSAL BLANDNESS

We regret that owing to the present shortage of medicinal paraffin only a limited supply of M.O. (Magnesia Oil) is available. In 2 sizes : 8-oz. and 16-oz. bottles.

Order *yours* to-day.

MUSTEROLE FINE PRODUCTS CO. LTD
BROOK HOUSE, PARK LANE, W.

P.A.T.A.

Sole Distributors:
THOS. CHRISTY & CO. LTD., FARNHAM, SURRE

Fortifies Food . . .

● A little VIRDOX sprinkled over food or in beverages adds valuable yeast vitamins to the ordinary diet. Recommended to correct malnutrition, digestive troubles, lassitude, anæmia and "nerviness." Retailing at 3/6 per 8 oz. tin, VIRDOX is a profitable line for all Chemists.

Write today for full details of generous Trade Terms.

Home and Overseas Agents required.

VIRDOX REGD.
nutrition

VIRDOX, 75, KINGSWAY, LONDON, W.C.2

Acute Gastro - Intestinal Infections

DIMOL SYRUP

for

RAPID ACTION

PRICE	Minimum Retail Price	Tax Each	Minimum Wholesale Price
4 oz.	3/6	5d.	29/5 doz.
16 oz.	12/-	1/5	100/10 ,,

Whatever the Gastro - Intestinal condition DIMOL is indicated

Distributing Agents:
THE ANGLO-FRENCH DRUG CO., LTD.,
11-12, Guilford Street, London. W.C.1.
Telegrams: "Ampsalvas London."
Telephone: HOLborn 6011.

Dimol Laboratories, Ltd.,
34/40, Ludgate Hill, London, E.C.4.

3/- and 5/-
PER BOTTLE

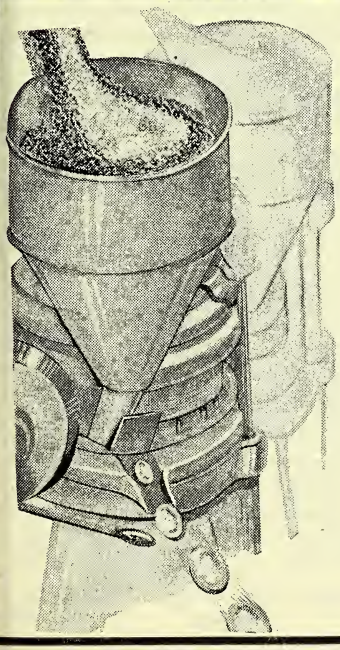
Extensive advertising has created a big customer demand for this grand family tonic. Cash in and get your fair share of this big profitable business.

NO LICENCE REQUIRED.

VIRONITA
THE FAMILY TONIC

VIRONITA IS FAST SELLING AND PROFITABLE

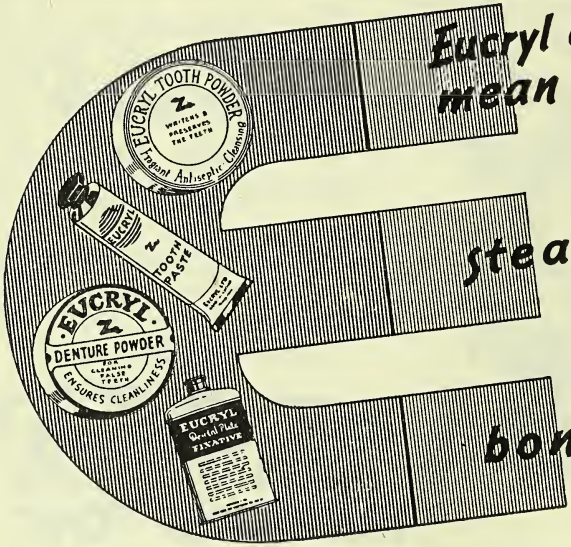
. CALTHORPE & COMPANY LIMITED. *Manufacturing Chemists* OSSETT



A STEADY FLOW
of orders marks the growth
of our reputation as
TABLET MAKERS TO THE TRADE

Standard or special formulæ.
Packing facilities available.
Special attention to exporters.
Capacity now available for
Prompt execution of orders.

Verva
Ltd.
HIGH PATH, MERTON
LONDON, S.W. 19
Telephone: LIBerty 4395



Eucryl dentifrices mean steady sales

steady profits

bonus terms

EUCRYL LTD.
SOUTHAMPTON

EUCRYL TOOTH POWDER—THE WHITE POWDER FOR WHITE TEETH

Manufacturers have for Sale the following Boxes:-

Up to 200,000 Plain Hinged Lid Aluminium Boxes, suitable for Tablets. Lid Enamelled Blue or Pale Green. Size $3\frac{1}{8}'' \times 2\frac{1}{8}'' \times \frac{7}{8}''$ deep @ 189/- per thousand.

Up to 200,000 Plain Hinged Lid Aluminium Boxes, suitable for Tablets. Enamelled Blue or Pale Green. Size $1\frac{15}{16}'' \times 3\frac{1}{8}'' \times \frac{1}{2}''$ deep @ 175/9 per thousand.

Up to 250,000 Plain Hinged Lid Aluminium Boxes, suitable for Tablets. Enamelled Blue or Pale Green. Size $2\frac{3}{8}'' \times 1\frac{13}{16}'' \times \frac{9}{16}''$ deep @ 141/4 per thousand.

Up to 200,000 Plain Oval Brilliantine Containers, embossed "Solidified Brilliantine," Enamelled Green, made from Aluminium @ 172/8 per thousand.

Approximately 200,000 Plain Aluminium Boxes, suitable for Pastes and Ointments, diameter $2\frac{15}{16}'' \times \frac{13}{16}''$ deep @ 154/2 per thousand.

Please apply Box No. 1/222 C. & D. Office.

Show these -and show a Profit!

Supplies of Alka-Seltzer are now freely available . . .

and due to the extensive National and Provincial advertising, the public demand for these unique alkalising, analgesic, effervescent tablets is steadily increasing. Be sure that you have adequate stocks of Alka-Seltzer. Make full use of the attractive window and counter display material that is sent with every parcel.

RETAIL PRICES:

SMALL SIZE (12 TABLETS)	1/5
LARGE SIZE (30 TABLETS)	2/10

Including Purchase Tax

Write for trade price list and particulars of display discounts to:

Don S. Momand Ltd., 57 Albany St., London, N.W.1

Sole Distributors for **Miles Laboratories Ltd.**

Alka-Seltzer

QUICK DOUBLE-ACTION
ALKALISES, RELIEVES PAIN

Better news for Bemax users

At long last we can announce that chemists are now receiving more Bemax—as well as all the new Bemax tablets they require.

There may be some users who still believe that Bemax itself can only be taken with milk. This is not so; it is equally good with stewed fruit or in soups, etc. In any case if milk itself is a problem, the new tablets are a most palatable alternative.

They are a vitamin B supplement with uses similar to those of Bemax itself. The suggested dose of two tablets three times a day supplies 200 international units of vitamin B_1—approximately the amount provided by the daily dose of Bemax.

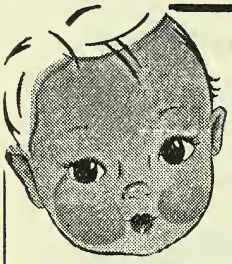
The tablets contain 50% Bemax and should be chewed. Children like them.

Bemax tablets are available in cartons containing 60 or 120 tablets retailing at 1/6d. and 2/6d. respectively. Trade discounts 33⅓%. Minimum parcel of 1 doz. 1/6d. and 1 doz. 2/6d. sizes.

Our current advertisements in the daily papers tell the public to try Bemax tablets when they are unable to get all the Bemax they need.

All other lines—Complevite, Pregnavite, Fertilol, Befortiss and the pure vitamin preparations—in reasonable supply.

Vitamins Limited, Upper Mall, London, W.6



820,000 Potential users of

DRURY'S INFANTS' PRESERVATIVE

The number of live births registered during 1946 was 820,268—the highest since 1921.

Do YOU take advantage of this market?

Drury's Infant Preservative has been on the market for over 70 years, a "CF" line extensively advertised, and enjoying an ever increasing sale. Two sizes selling at 1/5 and 3/4½ per bottle inc. purchase tax.

Trade Terms on application.

Place your orders now

'Happy mothers make satisfied customers'

DRURY'S PHARMACEUTICALS LTD.
NEWARK ON TRENT

Supplies of SOAP

?

Q. Where can we get ours? asks the Chemist.

A. The Distributors of Mai Day Soap can supply your EXACT *allocation (no limit) for next and subsequent Ration Periods.*

3 oz., 6 oz.—1 and 2 Rations—Green or White 59/3 and 118/6 per gross. *Less* 1/- and 2/- per gross respectively CASH DISCOUNT.

Do Not Delay—send S.P.3 now (state quantity and colours). Delivery within the First Week of the Ration Period.

Finley-Kale, Ltd
21 BALHAM HILL, LONDON, S.W.12
TELEPHONE —TULSE HILL 1620

GOOD PRODUCTS

GOOD DESIGNS

GOOD DISPLAYS

GOOD SALES

GOOD PROFITS

GOOD SERVICE

Stannard's

. . . sell on Display, repeat on Merit !

TERMS			INCLUDING PURCHASE TAX		MINIMUM QUANTITY
ICEBALM	Retail	1/5	Trade 11/8	Per doz.	In 3 doz. Display unit.
ROSELIP	,,	1/6	,, 12/8	,,	,, 3 doz. ,, ,,
SWEETBREATHS	,,	9d	,, 5/10	,,	,, 3 doz. ,, ,,
,,	,,	1/5	,, 11/1	,,	,, 1½ doz. ,, ,,
THROATMINTS	,,	8d	,, 5/10	,,	,, 3 doz. ,, ,,
ICEIT	,,	1/5	,, 11/1	,,	,, 3 doz. ,, ,,
KOFFS	,,	8d	,, 5/10	,,	,, 3 doz. ,, ,,
,,	,,	1/3	,, 10/6	,,	,, 1 doz. ,, ,,

The name of 'Stannards' is synonymous with supreme quality and superb packaging, our products having achieved an unexcelled dignity of presentation which has persisted for many years. Today, the well deserved world-wide reputation enjoyed by these products, not only respects that achievement but enhances it. 'Sell on display — repeat on merit' has been a sound maxim.

A. E. STANNARD LTD • TADWORTH • SURREY • ENGLAND

C. & Fulford LTD

CARLTON HILL. LEEDS. ENGLAND

Manufacturers and Distributors of the following World-Famed Medicinal Products

Write for Profitable Quantity & Display Terms.

Show Material also available on Request.

BILE BEANS
PEPS TABLETS
KUTNOW'S Effervescent Saline
ZAM-BUK OINTMENT
ZAM-BUK SUPPOSITORIES
ASPAREL TABLETS
VEN-YUSA FACE CREAM
GUY'S TONIC, TONIC PASTILLES & FRUIT PILLS

Generous direct display terms for **QUICK-SELLING**

SELTO
Dental Salt

13 TO THE DOZEN—33⅓% DISCOUNT

Recommended by Dentists in all parts of the Country. Link up with increasing demand on direct display terms —13 to dozen —33⅓% discount. Bottles 1/10½, refills 1/7 (inc. tax).

SELTO (Eastbourne) Ltd.
Hampden Park Eastbourne

FOR BETTER SALES

Sole Makers THOMAS WARD & SONS, LTD
Wardonia Works Sheffield, I

HALMAGON
Brand Tablets

WRITE FOR OUR NEW SHOWCARD

Ask your Wholesaler

4-Tube Box 3/11½ : 15-Tube Box 11/10
(Including Purchase Tax)

Sole Distributors:
MARSHALL'S PROPRIETARIES LTD.
127/133 High Street, Croydon.

Remarkable Success of

New Medical Discovery

for all rheumatic pains

★ **Advertised locally *and* Nationally.**

★ **Profitable repeats.**

★ **Attractively packed in 2 dozen Display outers.**

Retail 3/- per tube

Trade 26/- per doz. 13 to doz. on 4 doz. lots.

Clinical evidence, before the release for sale to the public of Aspralgic Balm, caused us to anticipate ample sales —but the phenomenal success of the line has outstripped anything we expected. Aspralgic Balm—which embodies a new principle in the treatment of all rheumatic conditions (except Osteo Arthritis)—is in such demand that we have been compelled to augment production considerably.

Success has forced us to concentrate upon manufacture and distribution. Consequently a representative may not have reached you yet. Please, therefore, telephone or write your requirements.

A R LIMITED

19 NEW WHARF ROAD · LONDON . N.1 ***Telephone:* TERMINUS 8456**

MISCELLANEOUS OPPORTUNITIES

Glycerine, Gums; Waxes, "Spermaceti" etc. Essential Oils; Lanoline; Petroleum Jelly; Stearic Acids; French Talcs; Zinc Oxide; Vanillin Substitute; Triethanolamine; Lauryl Alcohol Sulphonate Substitutes; Acetic Acid; Glyceryl Monostearate; Cetyl Alchol. All Fine and Heavy Chemicals.

HOME and EXPORT

J. J. VIGON & CO., LTD.
30 Fenchurch Street, London, E.C.3.
Mansion House, 0466/9

DO YOU KNOW
'ALFIS' THE NEW COMBS OF OUTSTANDING QUALITY?
Setting, Curl, Dressing, Pocket & Dust Combs now manufactured and also Combs for Pets.
Through Wholesalers or
ALFIS FABRICATIONS LTD.
BRIDGE ROAD, COALVILLE, LEICESTER

TOILET **ROUGE** COSMETIC

MAKE YOUR OWN
COST LESS THAN 1/- DOZEN
RETAIL AT 1/- OR 1/6 EACH
Particulars, Materials, Mould, etc.
E. SCURR, 2 LITTLE WESTGATE, WAKEFIELD, YORKS.

FOR DISPOSAL, 35 gross 2 oz. fancy bottles with bakelite caps. 25 gross 5 oz. oval bottles with metal caps. 30 gross 1 oz. flat bottles with bakelite caps. 40 gross 1½ oz. fancy bottles with bakelite caps. 50 gross 1 oz. opal jars with bakelite caps. 20 gross 1 oz. clear jars with metal caps. 50 gross 2 oz. clear jars with bakelite caps.
H. S. BOTTLE CO., LTD., 33 HAYMARKET, S.W.1

BOTTLES FOR EARLY DELIVERY
New Bottles of all types available for early delivery. Sizes ½ oz. to 8 ozs. Medicals and Toilets. Send full details of your requirements, stating sizes and quantities to Box 164/542, C. & D. Office.

Surplus Bottles

1 oz. Flat Medicals fitted white metal screw caps in cartons each containing 3¼ gross at
£3 10 0 per Carton Carriage Paid
C.W.O. terms only
Reductions for 5, 10 and 20 carton lots on application
KINGSTON PACKING CO. LTD.
138 Walker St., Kingston-upon-Hull Phone 36599

R.W.P. SANITARY TOWELS
ABSORBENT WOOL No. 2 SIZE "LOOP ENDS"
Retail 2/7 per packet (12's)
24 packets 50/- carriage paid
C.W.O. PROMPT DELIVERY
R.W.P. PHARMACAL PRODUCTS LIMITED
BOURNE END, BUCKS

TOOTH BRUSHES . . 7/6 PER DOZE
purchase tax pa
Cash with ord
Ex-Admiralty stocks. Large quantity by Halex, Addis. Nylon tufts.
General Trading Corporation Ltd.
203, Ulster Chambers, Regent St., London, W.1.

Available Stock: **PULV ACACIA B.P. No. 1, 98 lbs.**
AUTOLYSED YEAST 110 lbs. E.M. WAX . . 6 cwt.
FELBOVIN . . . 7 lbs. FERRI CARB . 1 cwt.
GUM TRAGACANTH 1 cwt. TONQUIN BEANS 32 lbs.
In London
Apply 1/224, C. & D. Office

CASH PRICES paid for
New and Second-Hand
Cartons, Paper Bags, Wrappings, Etc.
Please send details and samples to
CARTON SALVAGING CO.
206/210 Bishopsgate, London, E.C.2 (BIS 4707/8/9)

CASH REGISTERS STILL WANTED
If you want better prices for your old or spare cash registers, write
Barbers, Seale Lane, Seale, Surrey

TINS
2¼" x 2¼" x ¾" in blue, green or silver enamel finish.
20/- per gross
Box 1/305 C. & D. Office.

BOTTLES

Large quantities available. Dark blue Hex. Poison, Dark blue Square, White Chest, White Shop Round. All Glass Stoppered. Various sizes.

20 gross (approx.) Drop Stoppered Bottles for passive defence — 1 oz.

170/734. C. & D. OFFICE

The
CHEMIST AND DRUGGIST SUPPLEMENT

is Supplement is in-
rted in every copy of
e Chemist & Druggist

28 ESSEX STREET, LONDON, W.C.2

JULY 26
1947

evailing restrictions and heavy demand on space necessitate the holding over of a number of ivertisements week by week. As normal press days are in abeyance advertisers are advised to send structions as early as possible. Advertisements must be prepaid. Box Office Numbers 2/- extra.

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or 40 words or less, 2d. for every additional word

RETAIL (HOME)

SCOTTS Pharmacies, Ltd., invite applications from pharmacists of outstanding ability who re to take up posts as permanent branch agers. Salary between £10 and £12 per week bonus on profits. Pension scheme. The posi- offer sound prospects for advancement to men he required calibre. Only first class men need y. Ascotts Pharmacies, Beresford Avenue, ebridge Park, N.W.10.

EDFORD. Qualified manager or manageress. Congenial post, permanency. Apply, giving full iculars, to Taylor, Brawn & Flood, Ltd., 71 n Street, Bedford.

RADDOCK & BAGSHAW, LTD., 37/39, Yorkshire St., Oldham, have vacancy for energetic enthusiastic manager (permanency) in pleasant ict. Good salary and commission. Early inter- desired.

RIGHTON. Qualified assistant required good dispensing and family trade. Good salary will be l to suitable applicant, one able to take charge equired. Lady or gentleman. Fullest particulars /441, C. & D. Office.

ARDIFF. City suburb. Pharmacist required to take charge of branch shop in good locality. d prospects. Permanency for suitable applicant. te giving full particulars and salary required to 30, C. & D. Office.

ISPENSER book-keeper required, mixed general practice. Two dispensers employed. Midlands. te particulars. Box 1/317, C. & D. Office.

OLKESTONE. Hall & King have vacancies for (1) experienced pharmacist or dispenser, and (2) able counter hand. Apply in first instance, with particulars, to 36 Grosvenor Gardens, N.14. B. 2566).

LOUCESTER Friendly Societies' Medical Association, Longsmith Street, Gloucester. Applicans are invited for the post of pharmacist-inge at the Association's dispensary. Commencing ary £450 p.a. Advances in accordance with scale. tails of experience and copies of testimonials uld be sent to the Secretary immediately.

OLBORN. Lady assistant required mainly for counter in busy high-class pharmacy, permanent ition. Apply Manager, c/o, A. R. Cross (North ndon), Ltd., 240 High Holborn, London, W.C.1, phone HOLborn 7379 for appointment.

ADY or gentleman pharmacist required to manage dispensing department in country busis. House available. No Sunday or holiday duty. ferences and replies after July 28 to Bockham, . Shelford, Cambs.

ADY assistant required for West End (Leicester Square). Good experience essential. Apply Mr. illiams, Frizell & Co., Chemists, 1 Cranbourn reet, London, W.C.2. 'Phone Gerrard 2945.

LIVERPOOL.—Unqualified. Smart counter hand, busy city pharmacy, essentially good appearance, quick and reliable. Easy hours, good salary. No Saturday afternoon or Sunday duty. Copy references first application. Interview if desired. John McGuffie & Co., Ltd., 10 Castle Street Liverpool.

MABYN & CO., Ltd., have vacancies for qualified and unqualified assistants. Good salary. Reasonable hours. Within short distance of city. Apply with full particulars to the Secretary, 1 King David Lane, London, E.1.

MANAGER required for first-class branch by small multiple organisation. Prospects and promotion are assured to the right applicant. In this instance there is suitable living accommodation. 1/463, C. & D. Office.

NORTH LONDON. Capable man or woman required to manage a drug store in North London; must be experienced in the chemist business, and able to maintain high-class appearance and trade. Apply Box 1/362, C. & D. Office.

ORRIDGE & COMPANY Employment Agency, 184 Strand, W.C.2. Temple Bar 9212/3. Branches at Southampton and Birmingham. Enquiries invited from pharmacists and unqualified persons requiring situations. Many attractive vacancies available. Excellent opportunities existing in progressive permanencies. Locums provided for. No charge to employees except registration fee. Apply to 184 Strand, W.C.2, in first instance.

PHARMACIST required as branch manager. Either sex. Permanent position. Superannuation scheme. Apply: The General Manager, Middlesbrough Co-operative Society, Limited, Emporium, Linthorpe Road, Middlesbrough.

PHARMACIST required as branch manager—permanency. Apply by letter giving full particulars to Secretary, Dewsbury Pioneers Ind. Soc., Ltd., 43 Northgate, Dewsbury. Endorse letter "Pharmacist."

PHARMACIST, with optical qualification preferred, required for busy market town pharmacy. Excellent prospects and permanency. State age and salary required. Brownlow, Chemist, Melton Mowbray.

PHARMACIST-Optician (OBAC) required for busy optical dept. at central pharmacy. Duties almost entirely optical. Opportunities will occur for joint branch management. Permanency and superannuation scheme. National Agreement scales. On present returns, salary £450. Scope for development. Forms of application from Bristol Co-operative Pharmacies, Ltd., Castle Green, Bristol, 1.

PHARMACIST with good West End experience required. Apply by letter or 'phone Victoria 2204 for an interview. 1/466, C. & D. Office.

QUALIFIED lady or gentleman to manage pharmacy, 44-hour week, no Sunday or half-day duties, good prospects and salary. Apply, giving full particulars, to L. S. Royds, M.P.S., 57 Liverpool Road, Higher Irlam, nr. Manchester.

QUALIFIED manager required for good-class family dispensing business in residential area of Wimbledon, Surrey. Permanent appointment. No living accommodation. Good salary. Apply, Box 1/361, C. & D. Office.

THE Royal Arsenal Co-operative Chemists Limited, require pharmacists for their branches in south-east and south-west London. Permanent positions with opportunity for progress. Superannuation and special bonus schemes in operation. Apply in writing, stating age, experience and salary required, to the Staff Manager, Royal Arsenal Co-operative Chemists Limited, 113 Powis Street, Woolwich, S.E.18.

TORQUAY. Experienced lady dispenser required for good middle class pharmacy. Experience in window dressing an advantage. Saturday half-day closing. Apply Superintendent Chemist, Heppells (1932), Ltd., 70 Vauxhall Bridge Road, London, S.W.1. 'Phone Victoria 2204.

UNQUALIFIED assistant (male or female) with dispensing experience to work with pharmacist in dispensary. Chave & Jackson, Hereford.

WANTED urgently, pharmacist, either sex. Congenial post. Permanency. Country business, Home Counties. Good salary with share of profits to suitable applicant. 1/470, C. & D. Office.

WANTED, assistant, lady or gentleman; state salary. Horsley & Co., 274 Portobello Rd., W.10.

YOUNG pharmacist, male, required by Heppells. Recently qualified requiring good West End experience would suit. Please apply Superintendent Chemist, Heppells (1932), Ltd., 70 Vauxhall Bridge Road, London, S.W.1. 'Phone Victoria 2204.

YOUNG unqualified assistant required. Pleasant family business. Counter and dispensing. Usual particulars and salary required in first letter, please. Geo. Crawford, Chemist, Station Road, Horley, Surrey.

LOCUMS WANTED

AN unqualified locum required, mainly for dispensing, September 1st till 13th inclusive. F. A. Tyrrell (Dover), Ltd., 4 High Street, Dover, Kent.

LONDON, E.2 (near City). Assistant, qualified or unqualified, for about three months during the holidays. Give full particulars of experience, age, names of references and salary expected. Apply (letter only), Pharmacist, 35 Sydner Road, Stoke Newington, London, N.16.

MID-SUSSEX. Qualified locum required from July 28. Conveniently situated for daily travel from south coast or London termini. Prospect of permanency later. Telephone Royal 1431 (London), reference PGR or HWB, or write Box 1/342, C. & D. Office.

QUALIFIED locum for departmental stores, August 25 to September 6 inclusive; hours 8.30 to 5.30, no half-day or Sunday duty. Terms and references to Burgis & Colbourne, Ltd., Leamington Spa. Phone 1500.

WHOLESALE

AN office manager required by a well-known progressive firm of manufacturing chemists in London area. Excellent prospects for a keen and energetic man aged about 35. Write in confidence, with details of past career and present salary. 1/436, C. & D. Office.

ASSISTANT to director required by firm of manufacturing chemists, London. Opportunity for keen man aged 27-35 able to deal with queries and experienced in buying of raw materials and containers, checking advertising " copy," etc. Apply with full details of previous experience, present salary, etc., in confidence, to 1/437, C. & D. Office.

ASSISTANT librarian required by promin chemical manufacturers. Male or female, under 30. A qualification as pharmacist or a deg in chemistry or biology is required; experience similar position would be an advantage but is essential. Good reading knowledge in French and German preferable. The duties include abstract medical and technical literature, compiling bib graphies, cataloguing and indexing. The positio permanent and offers a sound opportunity fo young candidate entering upon a career. Ap initially in writing giving full details of educati qualifications and experience, and quoting Ref. 497, to: Personnel Officer, May & Baker, L Dagenham, Essex.

ASSISTANT managers for home trade and exp required by leading wholesale company v offices in West End dealing in chemicals and drug applicants preferred who have recently qualif Apply 1/459, C. & D. Office.

ASSISTANT required for routine analysis of ph maceuticals in the analytical laboratory of C. Harker, Stagg & Morgan, Ltd., Emmott Str London, E.1. Apply stating experience and wa required.

ANALYST required with experience in drugs pharmaceuticals. London area. Write giving particulars. Box No. GA.252, 4/7 Salisbury Co Fleet Street, E.C.4.

CHEMIST required with experience in manu ture of drugs and pharmaceuticals. Lon area. State age and full details in confidence. GA.253, 4/7 Salisbury Court, Fleet Street, E.C

COMMISSION basis representatives wanted England to carry wonderful counter line. Qu repeater, tax free, tasteful pack, lightweight. genuine product, answering immense needs, come to stay. Own territory alloted. Solid co-op tion given. A unique chance to acquire unique l 1/458, C. & D. Office.

DRUGS counter hand (male) wanted for counter. Union rate of pay, 5-day w Southall Bros. & Barclay, 1935, Alum Rock, mingham.

ENERGETIC representative required to establish connection in West End and N London by sundries wholesalers established 1 Write first giving particulars to Vernon Pov Ltd., 24 Dingwall Road, Croydon.

EXPERIENCED and reliable representative call on wholesalers to sell toilet preparati Write 1/432, C. & D. Office.

EXPORT-Manager required, experienced chemicals, pharmaceuticals and essential oils London exporters. Capable of working on initiative. Good prospects. Write full particular 1/439, C. & D. Office.

FACTORY manageress, experienced, required North London firm of manufacturing chem to supervise packing of well-known brand of prietary toilet preparations. Five-day week. W stating age, experience, salary required, etc., 1/477, C. & D. Office.

JOHN RICHARDSON & CO., LTD., in applications for the post of analyst. Applic should have had experience of Food and Drugs and be able undertake alkaloidal assays and some experience of formulation. Apply, gi details of qualifications, past experience, salary, to Evington Valley Road, Leicester.

KENT OF LONDON, makers of best Bri brushes, require the services of a first- organiser for their toothbrush department. Must capable of planning and executing complete promotion plan, taking in packs, displays, de aids, etc. Write in confidence, stating age, full b ness experience, education, salary required, to S Director, G. B. Kent & Sons, Ltd., 24 Old B Street, W.1.

BORATORY worker required, used to tinctures and galenicals in general. 5-day week. Union of pay. Southall Bros. & Barclay (1935), Ltd., Rock, Birmingham.

VE representatives wanted for Scotland and Wales, calling on stores, chemists and hairers, for high-class perfumery and cosmetics. have proved connections and sales record. 1, C.P.N., 185 Fleet Street., E.C.4.

NDON manufacturers are anxious to complete their representation throughout the country by ging representatives, on commission basis, in us areas not now covered. Products are excelboth in quality and pack, and are in regular and by wholesale and retail chemists, grocers, s, etc. Submit full details of lines being carried, and type of traders covered, to 1/442, C. & D. e.

AY & BAKER, LTD., Dagenham, Essex, invite applications for the position of head of depart- t manufacturing ethical pharmaceutical pre- tions. Male candidates only, Ph.C. preferred. post is one of responsibility, requiring admini- ive ability and initiative, and offers excellent pects. Apply initially in writing quoting Ref. to: Personnel Officer.

ANUFACTURERS of nationally advertised rodenticides and insecticides require agents on mission basis calling on wholesale and retail nists in the following territories, (a) Cheshire North Wales, (b) Nottinghamshire, Derbyshire Leicestershire, and (c) Bedfordshire, Northants Hertfordshire. Existing accounts handed over. 34, C. & D. Office.

ANUFACTURING chemists, N.W. London, require the services of an energetic and ex- enced pill maker capable of taking control. te, giving details of age experience and salary uired. 1/486, C. & D. Office.

ANUFACTURING chemists in North London require woman pharmacist as second assistant the dispensing and light manufacturing depart- nt. Salary according to age and experience. Write 552, Dorland, 18 Regent Street, S.W.1.

ANUFACTURING chemists, (West London), have vacancy for tablet maker; must be fully versant with running and maintaining of rotary l single punch machines. Progressive and per- nent position. Write 1/414, C. & D. Office.

ANUFACTURING chemists, N.W. London, require the services of an energetic and experi- ed pill maker capable of taking control. Write ing details of age, experience and salary required, 423, C. & D. Office.

LD-ESTABLISHED London firm wholesale chemists' sundriesmen require representatives ving live connections chemists, hairdressers, drug- ts, stores, Co-ops; commission basis. Car advan- ge but not essential. Write, stating area of repre- ntation, details, etc., James Hardcastle & Co., High Holborn, W.C.1.

ROGRESSIVE firm manufacturing well-known range of exceptionally attractive specialities, ve vacancies for experienced salesmen on follow- g territories: 1, Wales; 2, Northumberland, Dur- m, Cumberland, Westmorland; 3, Western Coun- s, including Gloucester; 4, London, north of hames, Essex, Suffolk, Norfolk; 5, Scotland. Re- uneration by salary, etc., or sole agency on com- ission basis. Applicants, preferably under 40, must ve established connections with retail and whole- le chemists, stores, and Co-ops, and able to pro- ce indisputable references of character and ility. Existing accounts transferred. Reply, rior to interview, giving fullest particulars, basis of muneration preferred, if car owner. 1/429, . & D. Office.

REPRESENTATIVE wanted, South Wales, Glou- cester, Staffs area, London. Established lines. ommission basis. Applv Red Band Chemical Co., td., 16 Young Street, Edinburgh.

REPRESENTATIVE required for Scotland to call on doctors, hospitals and chemists in connection with high class ethical pharmaceutical products. Apply 1/426, C. & D. Office.

REPRESENTATIVES with car and established connection amongst leading stores, furniture, houses, etc., required by manufacturers of nationally advertised proprietary lines, for Derby, Stafford and Warwickshire. Write 1/482, C. & D. Office.

REPRESENTATIVES required to sell pre-war brand preparation for destruction of rats and mice, commission only. State territory covered and present connections. 1/483, C. & D. Office.

REPRESENTATIVES wanted in many parts of the country to introduce new shampoo to hairdressers for saloon use only. Commission basis. Write 1/460, C. & D. Office.

REPRESENTATIVES required on commission basis throughout Great Britain with live connections with the wholesale and retail grocers, stores and chemists for sound repeating household products. Only salesmen accustomed to large turnover need apply. Reply to Slip, 95 Victoria Street, St. Albans, Herts.

REPRESENTATIVES required to sell Helska triple gloss hair cream, containing special vegetable oils. Liberal drawing account. Prompt delivery. Free advertising for retailers, and gift scheme for assistants. Send details, age, territory, connection, etc. Davies & Long, Limited, 40 Sackville Street, London, W.1.

REPRESENTATIVES with good connections in chemists and departmental stores required by high-class cosmetic and perfume manufacturers. On commission basis, for Yorkshire, East Coast and South-west England. 1/401, C. & D. Office.

REQUIRED in laboratory of manufacturing chemists, girl with some experience of filling glass ampoules. Apply 1/425, C. & D. Office.

REQUIRED, experienced cream room charge hand for well-known cosmetic manufacturers. Good salary, five-day week. Details to 1/479, C. & D. Office.

SALESMAN-Representative (with car) to sell to retail/wholesale chemists and hospitals. Chemical or medical background desirable. Required for: (1) Yorkshire, (2) Midlands, (3) Scotland. Salary, car allowance, expenses and commission. Send full details, experience, age, etc., with first letter, 1/411, C. & D. Office.

TABLET Maker. Experienced man required, London N.W. district (5-day week). Knowledge of granulating, use of single punch, also rotary machines. Permanency. Write, stating age, experience and salary required. 1/487 C. & D. Office.

TABLET MAKER. Experienced man required London N.W. district (5-day week). Knowledge of granulating, use of single punch also rotary machines. Permanency. Write stating age, experience, and salary required. 1/424, C. & D. Office.

TEMPORARY posts will shortly be available for growers' representatives at sugar beet factories during the forthcoming season, normally 3½ to 4 months. Applicants should possess a knowledge of chemistry and particularly sugar analysis. Salary £9 per week. Applications should be submitted to The General Secretary, National Farmers' Union, 45 Bedford Square, London, W.C.1.

THE British Drug Houses, Ltd., invite applications for post of chemical buyer. The duties consist of the purchasing of heavy and fine chemicals from sources both at home and abroad. Previous experience in a similar capacity essential. Apply, stating age, qualifications and salary required, to Personnel Manager, Graham Street, City Road, N.1.

W. B. CARTWRIGHT, LTD., Rawdon, Leeds, require experienced representatives for London, the South and the Midlands. Please send fullest particulars of experience, etc., etc., to the above.

VACANCIES exist in the production department and experimental laboratory of a West London firm of manufacturing chemists for a chemist with pharmaceutical qualifications. The positions are permanent and show excellent prospects for capable men. Commencing salary £450 per annum. 1/488, C. & D. Office.

WANTED. Salesmen calling on Chemists, hairdressers and stores to handle additional line on generous commission terms. Write 1/410, C. & D. Office.

WANTED by important manufacturers of ethical pharmaceuticals in London, highly qualified sales manager able to give salesmen who are visiting physicians and chemists energetic and enthusiastic leadership. Applications with full details of qualifications, previous experience and desired salary, which will be treated in strict confidence, should be sent to 1/406, C. & D. Office.

WANTED by manufacturing chemists N.W. London area, experienced counter hand as assistant foreman, preferably accustomed dangerous drugs. Used to figures. Capable of controlling small staff if required. Details as to age, experience and salary required to Box 853, Whites, Ltd., 72/78 Fleet Street, London, E.C.4.

CLERICAL

EXPERIENCED shorthand typist required for Editorial Department of The Chemist and Druggist. Write in first instance giving full particulars of experience, age, salary, to the Staff Director, Morgan Brothers (Publishers) Limited, 28 Essex Street, Strand, W.C.2.

WHOLESALE (OVERSEAS)

PLANT chemists urgently required for process plant operations by large company operating in the Middle East. Applicants need not be graduates but should have had a chemical training up to Inter B.Sc. or National Certificate Standard with experience of shift work in either a gas, coke oven or chemical works. Age not over 30. Salary in sterling between £540 and £600 per annum plus generous allowances in local currency, with free furnished bachelor accommodation, passages out and home, medical attention, also kit allowance and provident fund benefits. Apply stating age, qualifications and experience, etc., to Dept. F.22, 162/461, C. & D. Office.

SINGAPORE. Chemical and pharmaceutical manufacturers of international repute invite applications from qualified pharmacists for the position of assistant in their Singapore Branch Office. Age 24-26, single. The duties will involve a certain amount of travelling. This is an outstanding opportunity for a young man wishing to enter a career with excellent prospects. Apply, giving full details of education, qualifications and experience, quoting reference number 498 and enclosing a photograph if available, which will be returned. 1/431, C. & D. Office.

STRAITS SETTLEMENTS: An unmarried, qualified assistant is required by a well-known firm of wholesale and retail chemists in Singapore. The contract will be for four years and passage will be paid out and home. There will be a basic salary, starting at £58 6s. 8d. per month, plus a cost-of-living allowance of approximately £17 10s. per month. Six months' leave with pay will be allowed at the expiration of a satisfactory 4-year contract. Administrative experience will be an advantage. This is an exceptional opportunity for a good man. Apply with usual particulars to 1/89, C. & D. Office.

SITUATIONS WANTED

2/6 for 18 words or less, 1d. for every additional w

RETAIL (HOME)

DISPENSER-SECRETARY (lady), Hall cer cate; experienced; has few dates available doctors, hospitals or baby clinics. Roynon, Maryland Road, N.22. Phone Bowes Park 1320.

M.P.S. requires situation (preferably as m ager); convenient Acocks Green, mingham; Sept. or Oct. Minimum remunera £10 p.w., according to situation. 1/484, C. & Office.

STOCKTAKING. Quiet and efficient workm ship. Over 30 years' practical experience. sonal supervision. Chemists' own sheets pric C. W. Playfoot, 8 Aylward Road, Merton Pa S.W.20. Tel. Liberty 4104.

OFFER TO A PROGRESSIVE DIRECTORATE

Top-notch man. M.I.S.M.A. Well establishe connection materials' suppliers, Governmen departments, export, leading buyers in trade wants responsible post where efficiency, co operation, go-get and sound knowledge genera administration, production, marketing, can b used as manager or assistant to director. Salar secondary to prospects with live outfit. 1/421 C. & D. Office.

LOCUMS SEEKING ENGAGEMENTS

LOCUM, aged 50, free for engagements fr August 20, desires to make high-class client North London district or West End. 1/4 C. & D. Office.

WHOLESALE

A RELIABLE, adaptable man, considera experience in production supervising, travell Britain or abroad, seeks progressive and good po tion. Assist chemist. 1/449, C. & D. Office.

ADVERTISER, 9 years' experience first-class p fumery house, inside and outside, desires po tion either as executive in sales office or outs representative. Good education and experience, wide general knowledge; present position assista acting sales manager. From 1941-5 manager en neering factory. Highest references. 1/453, C. & Office.

ASSISTANT to sales manager. Young man, n working in advertising agency, seeks post sales manager's assistant. Able to control sales reco systems, assist in preparation of advertisemen sales letters, etc. Thorough knowledge of marl research practice. Write 1/445, C. & D. Office.

CHEMIST, Ph.D., F.R.I.C., 24 years researc production, analytical experience in soap, p fumery, cosmetics, pharmaceutical and househo products, seeks position where drive and ability c be properly utilised. Either on full or part-ti basis. 1/452, C. & D. Office.

COSMETIC chemist, long experience manufact ing first-class preparations to own modern f mulas, also introducing new non-quota lines, wa situation. 1/395, C. & D. Office.

IRISH representative. Experienced. Steady, co scientious worker Ph.C. Smart appearan Good address. Well introduced retail/wholesale Eire. Seeks representation reputable firm Southern or Northern Ireland. 1/419, C. & Office.

IVE agent required, reputable line, North-west England, wholesale and retail, manufacturers y. 1/472, C. & D. Office.

ANUFACTURERS, LOOK! Scotsman, ambi- tious, hard worker, age 36, married, car ner, resident South-east Scotland. Considerable erience "on the road," possessing first-class erences with superior representation. Would like hear only from high-class concerns looking for veller above the average in sales ability and lding up goodwill. 1/465, C. & D. Office.

EPRESENTATIVE, 18 years' experience, with strong connection chemists, departmentals, ops., etc., in London and the Home Counties, shes to contact reputable firm desiring representa- n in that area. Box 1/370, C. & D. Office.

ORKSHIRE. Representative, 20 years' connec- tion, excellent coverage all wholesale and retail emists and wholesale grocers throughout York- re, wishes to contact good class firm desiring presentation, preferably branded and advertised es, part or whole time. Only sound business uses considered. Own car. Highest references. 443, C. & D. Office.

OUTH, age 17 years, leaving school August, but continuing studies evening classes, desires posi- n in pharmaceutical or cosmetic and perfumery oratory. South London or Surrey preferred. Will- g to sign 5 years' apprenticeship. Available end August. 1/468, C. & D. Office.

OUNG man, 26, seeks post offering prospects with progressive manufacturing firm, London ea. Previous works experience, knowledge chemi- ls. 1/461, C. & D. Office.

APPOINTMENTS

HILL END HOSPITAL, ST. ALBANS

ASSISTANT PHARMACIST required. Salary in accordance with the Joint Negotiating Committee's Report (Hospital Staffs). (£370 p.a. rising by £15 p.a. to £450 p.a. inclusive of cost of living bonus.) Apply stating age, qualifications and particulars of experience to Medical Director.

KENT COUNTY COUNCIL

ASSISTANT PHARMACIST

Applications are invited for the following appointment at the County Hospital, Sevenoaks Road, Orpington:—

Assistant Pharmacist (M.P.S. or Ph.C.) either sex. Hospital experience preferred. Salary £370 a year by four increments of £15 and one of £20 to £450 a year. Superannuation. Medical examination necessary.

Applications, stating age, qualifications, experience, and the names and addresses of two responsible persons to whom reference may be made as to professional ability, to be sent to the County Medical Officer, County Hall, Maidstone, as soon as possible.

W. L. PLATTS,
Clerk of the County Council.

County Hall,
Maidstone.
July 4, 1947.

DORSET COUNTY HOSPITAL DORCHESTER

(VOLUNTARY HOSPITAL 120 beds)

Applications are invited for the position of PHARMACIST (singlehanded). The successful applicant will be responsible for the buying and general organisation of the Dispensary. Salary in accordance with the recommendations of the J.N.C. Applications, giving full details of training and experience, accompanied by copies of two recent testimonials, should be sent to the Secretary-Superintendent on or before August 18, 1947.

ESSEX COUNTY HOSPITAL COLCHESTER

Applications are invited for the post of ASSISTANT DISPENSER, male or female. Hall qualification. Salary £270-£320. Applications with copies of testimonials should be sent to the Secretary.

SOUTH LONDON HOSPITAL FOR WOMEN, Clapham Common, S.W.4.

ASSISTANT PHARMACIST (woman) required. Salary according to experience on Joint Negotiating Committee (Hospital Staffs) scale.

Applications, stating age, qualifications and experience (if any) and accompanied by testimonials, should be sent to the Secretary, as soon as possible.

THE GENERAL INFIRMARY AT LEEDS

Applications are invited for the appointment of ASSISTANT PHARMACIST. Salary in accordance with the J.N.C. scale, commencing at £350 plus meals, which will be provided when on duty. Federated superannuation scheme in force. Night and week-end duty will be worked in rotation. Previous hospital experience not essential. Applicants must reply in own handwriting, stating sex, age and experience, and also enclose copies of not more than three recent testimonials to the HOUSE GOVERNOR AND SECRETARY, not later than 5th August, 1947.

ROMFORD JOINT HOSPITAL BOARD. RUSH GREEN EMERGENCY HOSPITAL, ROMFORD

APPOINTMENT OF PHARMACIST

Applications are invited for the post of a whole-time PHARMACIST, male or female, at the above hospital. Salary at the rate of £420 per annum, rising by five annual increments of £15 to a maximum of £495 per annum. In the case of women applicants, resident accommodation, for which a charge will be made, can be provided. The appointment is subject to one month's notice on either side and to the provisions of the Local Government Superannuation Act, 1937. Applications, stating name, age, nationality, qualifications and experience, together with copies of two testimonials, to be sent to the undersigned.

ERNEST E. TAYLOR,
Clerk of the Board.

Clerk's Office, Rush Green Hospital,
Romford.

SURREY COUNTY COUNCIL

ASSISTANT PHARMACIST required at EPSOM COUNTY HOSPITAL, Dorking Road, Epsom. Commencing salary on grade £370 x 15—£430 x 20—£450 p.a. inclusive. Applications in writing stating age, qualifications and experience with a copy of not more than three recent testimonials should be sent to the Medical Superintendent of the Hospital.

WESTMINSTER HOSPITAL
ST. JOHN'S GARDENS, LONDON, S.W.1.

Vacancies exist for apprentices in the Pharmaceutical Department. A premium is payable, but a small salary, commensurate with the experience of the candidate, is offered. Applications to the Chief Pharmacist, Westminster Hospital, St. John's Gardens, London, S.W.1.

MIDDLESEX COUNTY COUNCIL

ASSISTANT PHARMACIST for HAREFIELD COUNTY HOSPITAL, Harefield, Middlesex (Registered essential), J.N.C. (Hosp. Staffs) salary, £370 inclusive; annual increments up to £450 p.a. considered. Similar experience may determine commencing salary. Recently qualified pharmacists eligible. Whole-time, unestablished, possible establishment; subject to medical examination. Application stating age, quals., exper., with copies of up to 3 recent testimonials to MEDICAL DIRECTOR at Hospital, IMMEDIATELY. No forms (quote C 292 C D).

C. W. Radcliffe,
Clerk of the County Council.

Middlesex Guildhall, S.W.1.

CORPORATION OF WILLESDEN

APPOINTMENT OF PHARMACIST

The Council invite applications for the following appointment: ASSISTANT PHARMACIST. The salary will be in accordance with the Joint Negotiating Committee at the rate of £370 per annum, rising by four annual increments of £15 and one increment of £20 to a maximum of £450. The work will be carried out at the hospitals and health centres and previous experience will be taken into consideration in determining the commencing salary. The appointment is terminable by one month's notice on either side and is subject to the provisions of the Local Government Superannuation Act, 1937, to the regulations governing officers of the Council and to a satisfactory medical examination. Off duty is granted one Saturday morning in every three. The candidates appointed will work under the direction of the Chief Pharmacist. Forms of application may be obtained from the Medical Officer of Health, Health Department, 54 Winchester Avenue, Kilburn, N.W.6, to whom they must be returned marked "Pharmacist" not later than August 1, 1947.

R. S. FORSTER,
Town Clerk.

Town Hall,
Dyne Road,
Kilburn, N.W.6.

AGENCIES

12/6 for 36 words or less, 3d. for every additio ıal wo

A WELL-KNOWN firm of proprietary agents wi world connections and sales force througho the British Isles are prepared to accept one mo pharmaceutical line for sole representation and d tribution. Write 1/448, C. & D. Office.

AGENT required for Lancashire area to hanc medicinal line. Must have good connection wi retail and wholesale chemists. Good commission f live applicant. Car owner preferred. Send fı particulars to 1/270, C. & D. Office.

AGENT connections among chemists in Londo Can do your deliveries in London in our ov van on commission basis. Large storerooms, ba references, etc. 1/464, C. & D. Office.

AGENT required in this country for executi and despatch of orders for patent medicir well known in India. Commission basis. 1/4(C. & D. Office.

AGENTS with established connection with goo class chemists wanted to sell on commission C. lines in the following areas: 1, Yorkshire; 2, Lan Westmorland, Cumberland; 3, Scotland; 4, Cheshi and North Wales; 5, South Wales. State ar covered, frequency, and other lines carried. 1/45 C. & D. Office.

AN old established London firm requires first-cl agents with good connections with the ret pharmacy trade to carry additional lines of toil articles. Top rate commissions paid. Apply, givi fullest details of experience, etc. 1/440, C. & Office.

GEO. H. LAWRENCE, LTD. Agents handli non-competitive lines required by Laurel Raz Blades in all areas of U.K. except Northumberla and Durham and South-west England. Must ha connection with wholesale outlets to hairdresse chemists, grocers and ironmongers. Laurel Raz Blades are nationally advertised and the fulle support is given. Remuneration by retaining f towards expenses and commission. State full deta of territory covered and lines handled to G. Lawrence, Ltd., Sheffield, 3.

LARGE sales organisation with resident travelle all over the country require additional good se ing lines for marketing as sole distributors. Wri fullest details in confidence to F.G. Box 894, c George Murray (Advertising), Ltd., 184 Stran London, W.C.2.

MORGAN, KORDA & CO., LTD., of 9 Gre Pulteney Street, London, W.1, Importers Bone and Skin Glue and Gelatine, require agents some districts. A strong connection with users a merchants essential. Write with full particulars a reference.

QUALITY—Wanted—Merchandise supplies a materials of all kinds. Live-wire sales ager foreseeing coming competitive and opportunist ma ket, is forming own business—building sales agenc 20 years' connection multiples, stores, Co-ops, lea ing chemists everywhere. Personal attention Londc area. Can arrange extended distribution and sal by live associates throughout country if desire Commission basis. U.S.A., Commonwealth a Continental enquiries welcomed. 1/422, C. & Office.

SOLE agency required for India, Burma and Ce lon (population over 400 millions) for produc saleable through chemists, druggists and provisic stores. Large sales organisation and ample godov facilities. Connections with over 30,000 docto and hospitals. Full particulars to 1/306, C. & Office.

WELL-ESTABLISHED distributing house wi United Kingdom coverage, is open to consid one or two additional products offering wide sal possibilities, for sole distribution. Replies, in co fidence, 1/387, C. & D. Office.

BUSINESS OPPORTUNITIES

for 36 words or less, 3d. for every additional word

N investor in search of satisfactory income yield plus capital appreciation can obtain both igh the acquisition of a private company owna group of drug stores and a mail order busi- replete with valuable leases, quotas, stock, ious suite of offices and well equipped factory, house, etc. The business has been established 20 years and all the shops are situated in inent shopping centres in the South of Eng- . Sum required for quick sale approximately ,000 payable on reasonable terms. Apply 6, C. & D. Office.

OILETS quota (large or small) will be purchased by advertiser. Please state amount for sale and e for outright purchase. 176/942, C. & D. ce.

ELL advertised proprietory for sale. Sub- stantial sales increasing. Nett profits at least 000 per annum. Total inclusive purchase ,000. Apply with banker's reference, please. 52, C. & D. Office.

BUSINESSES FOR DISPOSAL

for 40 words or less, 2d. for every additional word

HEMIST and optician business on main thoroughfare for sale. Also manufacturing mist business (limited company) with trade mark ing possibilities of national distribution. Both inesses situated in Lanarkshire. Separate offers be considered. Apply Messrs. J. M. Wyllie, derson & Reid, C.A., 18 Muir Street, Mother- l.

RUG and herbal business for sale, Essex, near London, established over 20 years. Detached ngalow, good accommodation, space garage, large rden, situated in semi main road. Price, including ehold, £3,300 S.A.V. Stamped addressed enve- e. 1/450, C. & D. Office.

ERBAL, hygienic stores, large corner position, in busy main road. Owner going abroad. For ick sale, £2,500, stock, fixtures and fittings. Liv- g accommodation, garage etc. First deposit ures. 19 years on lease to go. Apply Horsenail Son, Ltd., 112 Bellegrove Road, Welling, Kent, phone Bexleyheath 3864.

HERBALIST and hygienic rubber stores, main street position. No opposition. Opportunity to d chemists and photography. Rent only £100 a ar exclusive. Shop, kitchen, study, sitting-room, throom, 4 bedrooms, brickbuilt warehouse at rear, de entrance. Electric and gas. Phone, etc. 21 ars' lease. Guaranteed more than a living. Price r goodwill, fixtures, fittings, stock cases, and long ase, vacant possession when required, £1,900 or ear offer. Phone Bedford 5430.

OUTH COAST. Two well positioned businesses offering considerable scope. Reasonable rentals. ne has comfortable flat over. Inclusive purchase rice required for both concerns £7,000. Apply /454, C. & D. Office.

PREMISES FOR SALE

NORTH-WEST London. Freehold factory for sale. 10,000 square feet—5,000 available for urchaser, remainder let off. Modern factory, xtremely well situated. Offers invited. Apply /455, C. & D. Office.

WELL-KNOWN firm of manufacturing chemists and distributors would dispose of their business; sound reasons for disposal. A large modern factory of approx. 9,000 square feet will be included in the purchase price, also all machinery, etc. etc. banker's refs. required and given, only principals or those genuinely interested, please. Write in first instance to LMH, 1/427, C. & D. Office.

PREMISES TO LET

LONDON, West Central. Entire building to be let, 20,050 square feet. Multiple firms only considered. Very central position. Sublets amount to £2,800 per annum. Annual rental required £16,500. Vacant possession in September, 1947. Apply 1/457, C. & D. Office.

WANTED

1/6 for 40 words or less, 2d. for every additional word

A BIG price offered for home cines, cameras, or projectors. Bell-Howell, Kodak, G.B., etc. Also Leica, Contax and other precision cameras, enlargers, exposure meters, etc. Prompt cash. Wallace Heaton, Ltd., 126-7 New Bond Street, London, W.1.

ACTIVELY interested in all your surplus machinery. Price given on inspection and immediate settlement if purchased. 1/474, C. & D. Office.

ARENCO collapsible tube filling machine. Type GAB preferred. To take tubes up to 1 in. diameter. Glaxo Laboratories, Ltd., Greenford, Middlesex.

AUTOMATIC cream filler wanted at once; big price paid. Shavex Co., Bavaria Road, Holloway, N.15.

BOTTLES required, all sizes from 4 oz. to 1 gallon, and 1 to 5 gallon jars. Lots and regular supplies wanted. Send prices and quantities to 1/485, C. & D. Office.

GLASS vials, 16 m.m. x 76/77 m.m. wanted. Iglodine Co., Ltd., Pilgrim Street, Newcastle.

GLYCERINE, B.P. or Pale Straw required in any quantity. Good price paid. 1/386, C. & D. Office.

GLYCERINE wanted, any quantities taken of B.P. quality. Cash by return. State quantity available and price required to 157/296, C. & D. Office.

MANUFACTURERS require supplies of glycerine B.P. If you have any surplus please offer to 1/402, C. & D. Office.

POWDER filler, automatic or hand operated, required to fill ½ lb. packets. Must be accurate. 1/481, C. & D. Office.

SODIUM sesqui-carbonate, small or large quantities required, also paraffin wax, Glauber salts, commercial. Full details to 1/475, C. & D. Office.

STEARIC acid triple pressed required in large quantities. 147/850, C. & D. Office.

STEARIC acid triple pressed block, also glycerine, soda bicarbonate and lactose B.P. required in bulk quantities for spot cash. 1/480, C. & D. Office.

WANTED urgently. Stearic acid, all grades, any quantity. Samples and quotations to Harman Dietetic Laboratories, Limited, Cavendish Works, North Parade, Burnt Oak, Middlesex.

WHITE and amber petroleum jelly B.P., Glyceryl monostearate, white odourless oil, triple stearic acid, aspirin grans B.P., phenacetin B.P., all urgently wanted. 1/447, C. & D. Office.

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FLY PAPERS

Six for 6d.

The Hot Weather Necessity. *Sample from*

SCOTT · 2 PARK ROAD, BOGNOR REGIS

WANTED urgently. 10 gross each stoppered and C.M. 20 oz. bottles. Must be amber, win. shape. Good price paid. Reply 1/435, C. & D. Office.

WANTED. 100 gross 3oz. C/M. med. flats. Quote best price, delivered London, to 1/478, C. & D. Office.

26-OZ. and 13-oz. wine or champagne bottles required. 625/524, C. & D. Office.

MISCELLANEOUS SALES

12/6 for 36 words or less, 3d. for every additional word

APPROXIMATELY 100 gross screw neck and cap tins soldered seams, size 2⅞ in. x 2⅛ in. x 6½ in. available for immediate disposal. Reply Box G 2501, W. H. Smith & Son, Ltd., Manchester, 3.

APPROXIMATELY 150 chemists' rounds for quick disposal. Any reasonable offer accepted. Also Salter's baby scale in excellent condition. Apply 193 Greenwich High Road, S.E.10. 'Phone: Greenwich 2862.

FOR SALE. Complete fittings for chemist shop, 108 mahogany drawers with crystal knob, glass fronted wall cases, etc. View by appointment. 33 Bond Street, Brighton, Sussex.

FOR SALE. Complete shop fittings. Comprising: 12 ft. counter with mahogany top side screens and desk; 9 ft. dispensing screen with sponge and perfume cases; 12 ft. wall cases; 15 ft. drug run with drawers; 6 ft. 6 in. 20 in. square mahogany glazed showcase. Available October. May be inspected in use at 13 High Street, Calne, Wilts. 1/469, C. & D. Office.

GARDNER combined sifter and mixer. Capacity 150 lbs. approx. Ready for immediate use. 1/473, C. & D. Office.

GLASS Vials. 50,000 available, 13/14 mil, 3 in. long, 2/- gross. Affined Basic Chemicals, Ltd., Empire Works, Desborough Road, High Wycombe.

HIGH-CLASS, unrivalled, concentrated perfume compounds. Surplus under cost price at book valuation. 11 lbs. lavender at £2 per lb.; 5 lbs. fougere at £4 per lb.; 4 lbs. heliotrope at £2 per lb.; 3 lbs. bouquet at £3 per lb. Plus purchase tax. Sample on request. 1/471, C. & D. Office.

NATIONAL cash register up to £1 19s. 11¾d. Excellent condition with maintenance by National Cash Register Co. £78 or nearest offer. View by appointment. H. C. Minton, 5 High Road, N.22.

NEW Ormerod "Q.P." power emulsifier. 240/250 volts A.C. Fitted with special stainless steel tubes and unions to connect direct to Boilet or other container. £85. B.T.P., Ltd., Nettlefold Place, London, S.E.27.

SURPLUS white petroleum jelly, commerci Enquiries to 1/476, C. & D. Office.

SULPHUR Praecip—1 ton for disposal. Offe to Johnson Agencies (Proprietaries), Ltd Clarendon Works, North Street, Horsham, Sussex

SURPLUS essence bottles (new) ½ oz. canno 15/- gross. General Trading Corporation, Ltd 203 Ulster Chambers, Regent Street, W.1.

SURPLUS technical white oil, Pool 30, B.P odourless, at 9s. per gallon in 45-gallon drum Drums and carriage free. Write to 27 Thornla Road, West Norwood, London, S.E.27.

SURPLUS quantity of bottles for sale. 2oz. a 6oz. med. flats, screw cap. 1, 2, 3, 4 a 7oz. toilet bottles. Also perfume bottles, glass sce sprays, and assorted brass and bakelite caps. 'Pho Fulham 4579. Write 62 Barton Court, Londo W.14.

TECHNICAL white oil—Pool 30. In 5 and gallon drums. 200 gallons available. 30 gallo vegetable oil. Unsuitable for food purposes. L. L. & Co., Limited, 265 Anlaby Road, Hull.

1 KARL KIEFFER cream filling machine, Richard Brandt automatic cap tightenin machine, 1 15 gal. approx. copper steam pan. App 871 High Road, N.12. Hil. 4474.

50 GROSS ½ oz. flat oval sprinkler neck bottl with bakelite screw caps. Best offer buy Write 1/433, C. & D. Office.

80 GROSS 1 oz. pomade jars with glass lids, 27 per gross. 1/446, C. & D. Office.

80 GROSS 2 oz. brilliantine bottles with bakeli caps, 42/- per gross. 50 gross 4 oz. sprinkl neck cologne bottles with bakelite caps at 55/- p gross. Quantity of 1 and 2 dram bottles at che prices. No free samples. S. Khan, 31 Norton Fo gate, London, E.1.

EXPORT TRADE

PALESTINE. Manufacturers' agents and distrib ting organisation, specialised in pharmaceutic goods, seek exclusive representation of laborato manufacturing Sulfadiazine. 1/467, C. & D. Offic

TRADE MARKS

TRADE Marks required. A manufacturing firm a anxious to purchase a trade mark already regi tered but not at present in use for an immersio denture cleaner. Write, stating actual mark, an registered owner in first letter, to 1/438, C. & D Office.

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2/5 LITTLE BRITAIN (close G.P.O.)
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SHOP EQUIPMENT, Plate Glass Counters and Showcases, Mirrors, Cash Tills, Useful Mahogany Panelling, Office Effects

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will sell by Auction at their Sale Rooms as above, Wednesday, August 13, at 1 p.m. View day prior. Catalogues (3d. post free) on application. Tel.: MON 8501.

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